

Bibliography  
Cumberland Island National Seashore, Georgia

Originally researched and published by  
Center for Coastal and Environmental Studies  
Rutgers University

Revised and Updated November, 1991 by  
Mike Stein and Stephen Cofer-Shabica  
University of Georgia  
National Park Service  
Cooperative Studies Unit

## AA

Draft Supplement to the Environmental Impact Statement for Preferred Alternative Location for a Fleet Ballistic Missile Submarine Support Base Kings Bay, Georgia. Prepared for U.S. Department of the Navy, Naval Facilities Engineering Command. Submitted by Environmental Science and Engineering, Inc.

This is a complete Environmental Impact Statement done on King's Bay and the Surrounding area. This volume should contain all sources of information involving Cumberland Island National Seashore, if any are not present in this volume.

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**Abbott, R. T. 1954.**

American Seashells. D. Van Nostrand Co., Inc., Princeton, NJ. 541 pp.

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General Keyword: INVRT

KW: mollusks, range, distribution, ecology, morphology

Document Location: LSM

**Absher, Dr James D., and Bratton, Susan May 1986.**

Cumberland Island Visitor Use Study, NPS-CPSU Technical Report 36, Institute of Ecology, University of Georgia, Athens, Ga. 28 pp.

The purpose of this study was to select random visitors from Cumberland Island National Seashore and to evaluate their travel patterns, their favored activities, and their knowledge and opinions about island conditions and management.

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KW: visitors, travel pattern

Document Location: UGA

**Absher, J. D., and Bratton, S. P. 1987.**

Social carrying capacity at Cumberland Island National Seashore: Preceptions of three types of over-night users. *in*: Proceedings, Fourth Conference on Research in the National Parks and Equivalent Preserves, July 13-18, 1986, Fort Collins, Colorado. 12 pp.

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General Keyword: MANL

KW: visitor use, camping, carrying cap, human impacts, management

Document Location: BIBL

**Adams, P. C., Greene, A. G. Jr., and Reimold, R. J. 1976.**

Estuarine nekton diversity in the vicinity of Cumberland Island National Seashore, Georgia, p. 64. *in*: First Conference on Scientific Research in the National Parks, Abstracts, 9-13 November, 1976, New Orleans, Louisiana.

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General Keyword: ESTE

KW: nekton, diversity, survey, comparison, water quality

Document Location: CCES

Adams, W. H. (ed.) 1985a.

Aboriginal subsistence and settlement archaeology of the Kings Bay locality.  
Volume 1. The Kings Bay and Devils Walking Stick sites. Reports of  
Investigations 1, Department of Anthropology, University of Florida,  
Gainesville, FL.

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General Keyword: CUHI

KW: archaeology, Kings Bay, settlements, survey, historic res

Document Location: UFL

Adams, W. H. (ed.) 1985b.

Aboriginal subsistence and settlement archaeology of the Kings Bay locality.  
Volume 2. Zooarchaeology. Reports of Investigations 2, Department of  
Anthropology, University of Florida, Gainesville, FL.

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General Keyword: CUHI

KW: archaeology, Kings Bay, fauna, Am Indians, historic res

Document Location: UFL

Adams, W. H. (ed.) 1986a.

Aboriginal subsistence and settlement archaeology of the Kings Bay locality.  
Volume 4. Archaeological testing of aboriginal and historical sites, Kings Bay,  
Georgia. Reports of Investigations 4, Department of Anthropology, University of  
Florida, Gainesville, FL.

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General Keyword: CUHI

KW: archaeology, Kings Bay, Am Indians, historic sites, settlements

Document Location: UFL

Adams, W. H. (ed.) 1986b.

Aboriginal subsistence and settlement archaeology of the Kings Bay locality.  
Volume 5. Historical archaeology of plantations, Kings Bay, Georgia. Reports  
of Investigations 5, Department of Anthropology, University of Florida,  
Gainesville, FL.

-----

General Keyword: CUHI

KW: archaeology, Kings Bay, Am Indians, historic sites, settlements

Document Location: UFL

Allen, A. C. 1977.

Museum collection management - Cumberland Island National Seashore.  
Unpublished, U.S. Department of Interior, National Park Service, Southeast  
Regional Office, Atlanta, GA. 6 pp.

-----

General Keyword: CUHI

KW: historic sites, preservation, historic res, cultural res, management

Document Location: SERO

**Alvarez, Lehman and Associates, Inc. 1984.**

Annual environmental monitoring study for Naval Submarine Base, Kings Bay, Georgia. 1982-1983 Final Report. U.S. Department of Navy, Office in Charge of Construction, Trident Missile Base, Kings Bay, GA.

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General Keyword: MANL

KW: Kings Bay, biology, water quality, monitoring, environ assess

Document Location: CAMCO

**Alvarez, Lehman and Associates, Inc. 1986.**

Annual environmental monitoring study for Naval Submarine Base, Kings Bay, Georgia. October 1984 - November 1985. U.S. Department of Navy, Office in Charge of Construction, Trident Missile Base, Kings Bay, GA.

-----

General Keyword: MANL

KW: Kings Bay, biology, water quality, monitoring, environ assess

Document Location: CAMCO

**Alvarez, Lehman and Associates, Inc. 1987.**

Annual environmental monitoring study for Naval Submarine Base, Kings Bay, Georgia. 1985-1986 Final Report. U.S. Department of Navy, Office in Charge of Construction, Trident Missile Base, Kings Bay, GA.

-----

General Keyword: MANL

KW: Kings Bay, biology, water quality, monitoring, environ assess

Document Location: CAMCO

**Alvarez, Lehman and Associates, Inc. 1988a.**

Annual environmental monitoring study for Naval Submarine Base, Kings Bay, Georgia. 1986-1987 Final Report. U.S. Department of Navy, Office in Charge of Construction, Trident Missile Base, Kings Bay, GA.

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General Keyword: MANL

KW: Kings Bay, biology, water quality, monitoring, environ assess

Document Location: CAMCO

**Alvarez, Lehman and Associates, Inc. 1988b.**

Final report on right whale monitoring, Naval Submarine Missile Base, Kings Bay, Georgia. Available at University of Georgia, Institute of Ecology, Athens, GA. 39 pp.

-----

General Keyword: MAMM

KW: marine mammals, whales, monitoring, endangered sp, range

Document Location: CAMCO

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**Ambrose, J., Bratton, S. P., Davison, K., Fitch, J., Goigel, M., Golley, F., Lemis, F., McMurtray, J., Querin, W., and Simon, D. 1983.**

An analysis of feral horse population structure on Cumberland Island. NPS-CPSU Technical Report No. 1, Institute of Ecology, University of Georgia, Athens, GA. 12 pp.

This study was undertaken to examine the current status of the Cumberland horse population and to compare these data with those available from a prior study by Mark Lenarz. (unpubl.)

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General Keyword: MAMM

KW: feral horses, distribution, wildlife, popul dynamics, salt marshes

Document Location: CCES

**Ambrose, J., Stoneburner, D. L., and Bratton, S. P. 1983.**

Vegetation response to release from grazing in two Cumberland Island plant communities. NPS-CPSU Technical Report No. 2, Institute of Ecology, University of Georgia, Athens, GA. 45 pp.

This study was designed primarily to assess the impact of feral grazers on vegetation growth and density in two Cumberland Island plant communities, an interdune grass-sedge meadow near Dungeness and grass-forb-rush community near High Point.

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General Keyword: VEGT

KW: grazing, trampling, environ impacts, wildlife, visitor use

Document Location: CUIS

**Anonymous. 1821.**

Claim of Christophe Poulain Dubignon that his slaves escaped to Cumberland Island in 1815. Testimony presented in Spoliation Claims, National Archives, Record Group 76, Claim No. 137. Camden County Records, Camden, GA. 23 pp.

-----

General Keyword: CUHI

KW: slaves, historical acct, legal aspects, court claims, historic res

Document Location: CUIS

**Anonymous. 1981a.**

Cooperative agreement for fire control on Cumberland Island and Little Cumberland Island between U.S. Department of Interior, Cumberland Island National Seashore, and State of Georgia, Georgia Forestry Commission. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 5 pp.

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General Keyword: MANL

KW: planning, wildfires, management, protection, legal aspects

Document Location: CUIS

**Anonymous. 1974.**

Cumberland Island, a fragile moment in time. Georgia County Government Magazine, pp. 42-47.

-----

General Keyword: MANL

KW: land-use, public opinion, legal aspects, preservation, conservation

Document Location: SERO

**Anonymous. N.A.a.**

File of untitled mimeo's referring to the "Carnegie Period". Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA.

-----

General Keyword: CUHI

KW: Carnegie Period, history, historic res, cultural res, historic sites

Document Location: CUIS

**Anonymous. 1981b.**

Interagency agreement between National Park Service - Cumberland Island National Seashore, and Georgia Forestry Commission. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 2 pp.

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General Keyword: MANL

KW: planning, wildfires, management, protection, legal aspects

Document Location: CUIS

**Anonymous. 1977.**

National Park and Conservation Association sea turtle survey. National Parks and Conservation Magazine 51(4):21-22.

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General Keyword: RPTAM

KW: sea turtles, survey, nesting, distribution, endangered sp

Document Location: AMNH

**Anonymous. 1967.**

Proposed Cumberland Island National Seashore. National Parks and Conservation Magazine 41(243):19-20.

-----

General Keyword: MANL

KW: planning, land-use, recreation, visitor use, environ impacts

Document Location: LSM

**Anonymous. 1912.**

Report of the committee appointed under act of the General Assembly, approved March 12, 1912, for the purpose of returning the remains of General Henry Lee ("Light-Horse Harry" Lee) at Lexington, VA. Unpublished, available at U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 8 pp.

-----

General Keyword: CUHI

KW: Lee, Gen Henry, Dungeness, management, historic res, historical acct

Document Location: CUIS

**Anonymous. 1975.**

Transcript of public meeting - U.S. Department of Interior National Park Service, Cumberland Island National Seashore, held on February 4, 1975, Woodbine, GA. 84 pp.

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General Keyword: MANL

KW: land-use, natural res, planning, visitor use, environ impacts

Document Location: CUIS

**Anonymous. N.A.b.**

U.S. Navy, Trident Base, Kings Bay, Georgia, and impacts to Cumberland Island National Seashore: File. Unpublished, available at University of Georgia, Institute of Ecology, Athens, GA. 20 pp.

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General Keyword: MANL

KW: U.S. Navy, Trident Base, environ impacts, dredging, estuaries

Document Location: UGACPU

**Applin, P. L., and Applin, E. R. 1944.**

Regional subsurface stratigraphy and structure of Florida and southern Georgia. American Association of Petroleum Geologists Bulletin 28:1673-1753.

-----

General Keyword: GEOS

KW: stratigraphy, geology, coastal plain, geography, physiography

Document Location: BIBL

**Arnow, I. F. N.A.**

History of St. Marys, Georgia and vicinity. Unpublished manuscript on microfilm, Georgia Department of Archives and History, Atlanta, GA.

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General Keyword: CUHI

KW: St. Marys, history, historical acct, historic res, cultural res

Document Location: BIBL

**Ascher, R., and Fairbanks, C. H. 1971.**

Excavation of a slave cabin: Georgia, USA. Historical Archaeology 5:3-17.

-----

General Keyword: CUHI

KW: historic sites, slaves, archaeology, architecture, historical acct

Document Location: SERO

**Avriett, J. F. 1983.**

The historic landscape of Plum Orchard, Cumberland Island National Seashore, Cumberland Island, GA. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 28 pp.

-----

General Keyword: CUHI

KW: historic sites, Plum Orchard, land-use, settlement, historic res

Document Location: CUIS

**Bangs, O. 1898.**

The land mammals of peninsular Florida and the coast region of Georgia. Proceedings of the Boston Society of Natural History 28(7):157-235.

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General Keyword: MAMM

KW: species list, coastline, distribution, ecology, habitat

Document Location: BIBL

**Bartram, W. 1791.**

Travels through North and South Carolina, Georgia, East and West Florida, etc. ((Reprint 1955), Mark Van Doren (ed.), Dover Publications, Inc., New York, NY.

-----

General Keyword: CUHI

KW: historical acct, Am Indians, cultural res, natural history, geography

Document Location: UWF

**Baumann, C. 1980a.**

Dune migration data - field notes. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA.

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General Keyword: CGEO

KW: dunes, migration, beach profiles, maps, beach dynamics

Document Location: CUIS

**Baumann, C. 1980b.**

Tabby House information. Part C: Historic occupancy. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 12 pp.

-----

General Keyword: CUHI

KW: Tabby House, history, Carnegie Period, historical acct, cultural res

Document Location: CUIS

**Bearss, E. N.A.**

Brief history - Cumberland Island - Project No. 1082, Colonial Period and Ante Bellum Period. Unpublished Project No. 1082, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 13 pp.

-----

General Keyword: CUHI

KW: Colonial Period, Ante Bellum Per, history, historic res, cultural res

Document Location: CUIS

**Beccasio, A. D., Weissberg, G. H., Redfield, A. E., Frew, R. L., Levitan, W. M., Smith, J. E., and Godwin, R. E. 1980.**

Atlantic Coast ecological inventory. User's guide and information base. U.S. Department of Interior, Fish and Wildlife Service, Biological Services Program, Washington, DC. 163 pp.

-----

General Keyword: MANL

KW: coastal zone, inventory, mapping, fauna, flora

Document Location: CCES

**Bell, R., and Richardson, J. I. 1978.**

An analysis of tag recoveries from loggerhead sea turtles (*Caretta caretta*) nesting on Little Cumberland Island, GA, pp. 20-24. in: Henderson, G.E. (ed.), Proceedings of the Florida Interregional Conference on Sea Turtles, 24-25 July, 1976, Jensen Beach, FL. Florida Marine Research Publication No. 33, Florida Department of Natural Resources, St. Petersburg, FL.

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General Keyword: RPTAM

KW: sea turtles, tagging, migration, endangered sp, *Caretta caretta*

Document Location: CCES



**Bennett, S. H., and Richardson, J. I. 1978.**

Within season nest periodicity of the loggerhead (*Caretta caretta*) nesting on Little Cumberland Island, Camden County, Georgia. Paper presented at the 57th Annual Meeting of the American Society of Ichthyologists and Herpetologists, University of Florida, Gainesville, FL, 19-25 June 1977.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, nesting, seasonality, distribution

Document Location: BIBL

**Beshear, R. J. 1975b.**

*Aleurodothrips fasciapennis* (Thysanoptera: Tubulifera) a predator of *Aspidiotus nerii* (Homoptera: Diaspididae). Journal of the Georgia Entomological Society 10(3):223-224.

-----

General Keyword: INVRT

KW: thrips, predation, aphids, behavior, ecology

Document Location: ENT

**Beshear, R. J. 1970b.**

New collection records for *Sporothrips amplius* and *Atractothrips bradleyi* (Thysanoptera: Phthaeothripidae). Entomological News 81(8):220.

-----

General Keyword: INVRT

KW: insects, thrips, palms, distribution, ecology

Document Location: CUIS

**Beshear, R. J. 1970a.**

A new record of *Stenotabanus (Aegialomyia) psammophila* in Georgia (Diptera: Tabanidae). Journal of Georgia Entomological Society 5(1):183.

-----

General Keyword: INVRT

KW: insects, flies, dipterans, beaches, distribution

Document Location: CUIS

**Beshear, R. J. 1975a.**

A new species of *Caprithrips* (Thysanoptera: Thripidae) from Cumberland Island, Georgia. Annals, Entomological of Society America 68:500-502

-----

General Keyword: INVRT

KW: insects, thrips, distribution, survey, ecology

Document Location: ENT

**Beshear, R. J. 1969.**

Observations on the life history of *Hemisphaerota cyanea* in Georgia (Coleoptera: Chrysomelidae). Journal of Georgia Entomological Society 4:168-170.

-----

General Keyword: INVRT

KW: insects, beetles, palms, life history, ecology

Document Location: CUIS

**Beshear, R. J. 1971.**

Thrips collected on *Spartina* sp., from Cumberland Island, Georgia. Journal of Georgia Entomological Society 6(4):243-246.

-----

General Keyword: INVRT

KW: insects, thrips, *Spartina*, species list, distribution

Document Location: ENT

**Beshear, R. J. 1973.**

The thrips of Georgia, Suborder Terebrantia. Experimental Research Station Bulletin 122, College of Agriculture, University of Georgia, Athens, GA. 26 pp.

-----

General Keyword: INVRT

KW: thrips, distribution, ecology, habitat, species list

Document Location: UGASCI

**Bildstein, K. L. 1980.**

Adult Brown Pelican robs Great Blue Heron of fish. Wilson Bulletin 92(1): 122-123.

-----

General Keyword: BIRDS

KW: Brown Pelicans, Gr Blue Herons, feeding, behavior, ecology

Document Location: LSM

**Boone, James Lightholder Jr. March 1990.**

Reassessment of the Taxonomic Status of the Cotton Mouse (*Peromyscus gossypinus anastasae*) on Cumberland Island, Georgia, and Implications of the Information for Conservation, CPSU Technical Report No. 60.

Four subspecies of cotton mice (*Peromyscus gossypinus gossypinus*, *P.g. megacephalus*, *P. g. palmarius*, and *P. g. anastasae*) were examined for genetic and morphological variation to assess the taxonomic validity of *P.g. anastasae* and the affinities of *P. gossypinus* on Cumberland Island.

-----

KW: Cotton mouse, morphology, *Peromyscus gossypinus anastasae*

Document Location: UGA

**Bozeman, J. R. 1971.**

A sociologic and geographic study of the sand ridge vegetation in the coastal plain of Georgia. Unpublished Ph.D. Dissertation, University of North Carolina, Chapel Hill, NC. 243 pp.

-----

General Keyword: VEGT

KW: coastal plain, sand ridges, soils, land-use, communities

Document Location: UAC

**Bratton, S. P. 1987.**

Control of tung at Cumberland Island (Georgia). Restoration and Management Notes 5(1):30-33.

-----

General Keyword: VEGT

KW: tung, exotics, control, herbicides, control burning

Document Location: UGACPS

**Bratton, S. P. 1984.**

The distribution of tung and tamarisk on Cumberland Island National Seashore.  
NPS-CPSU Technical Report No. 11, Institute of Ecology, University of Georgia,  
Athens, GA. 26 pp.

-----  
General Keyword: VEGT

KW: tung , tamarisk, distribution, exotics, management

Document Location: CCES

**Bratton, S. P. 1985b.**

Dune trampling on Cumberland Island. Restoration and Management Notes 3(2):98.

-----  
General Keyword: MANL

KW: dunes, trampling, human impacts, wildlife, management

Document Location: UGACPS

**Bratton, S. P. 1988a.**

Minor breeds and major genetic losses. Conservation Biology 2(3):297-299.

-----  
General Keyword: MANL

KW: genetics, feral animals, environ impacts, endemic sp, diversity

Document Location: LSM

**Bratton, S. P. 1985a.**

A preliminary survey of dune trampling at Cumberland Island National Seashore.  
NPS-CPSU Technical Report No. 14, Institute of Ecology, University of Georgia,  
Athens, GA. 17 pp

-----  
General Keyword: MANL

KW: dunes, trampling, human impacts, deer, feral horses

Document Location: CCES

**Bratton, S. P., Absher, J. D., and et al. [sic]. 1986.**

Stafford Beach campground relocation, Cumberland Island National Seashore.  
Unpublished technical report, U.S. National Park Service Cooperative Studies  
Unit, University of Georgia, Athens, GA. 43 pp.

-----  
General Keyword: MANL

KW: visitor use, camping, Stafford Beach, recreation, planning

Document Location: UGACPS

**Bratton, S. P., and et al. [sic]. 1984.**

Resources management plan: Cumberland Island National Seashore. Part I:  
Natural resources. U.S. Department of Interior, National Park Service,  
Southeast Regional Office, Atlanta, GA. 75 pp.

-----  
General Keyword: MANL

KW: natural res, flora, fauna, land-use, planning

Document Location: SERO

**Bratton, S. P., and Kirkland, Z. 1983.**

Cumberland Island National Seashore, natural resources management plan. U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO. 100 pp.

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General Keyword: MANL

KW: GMP, natural res, environ assess, planning, management

Document Location: CCES

**Bratton, S. P., Owen, I., and White, P. S. 1982.**

The status of botanical information on National Parks in the southeastern United States. *Castanea* 47:137-147.

-----

General Keyword: VEGT

KW: inventory, endangered sp, exotics, data base, mapping

Document Location: CCES

**Bratton, S. P., and Turner, S. 1984.**

The fire history of Cumberland Island National Seashore, pp. 16-18. in: Foley, M.K. and Bratton, S.P. (eds.), *Barrier Islands: Critical Fire Management Problems. Proceedings of a Workshop, Canaveral National Seashore, Titusville, Florida, February 8-10, 1984.*

-----

General Keyword: MANL

KW: fire ecology, history, Am Indians, Colonial Period, environ impacts

Document Location: CCES

**Bratton, Susan P. June 1986.**

Foot and vehicle traffic patterns: The Main road, Cumberland Island National Seashore, NPS-CPSU Technical Report No. 28, Institute of Ecology, University of Georgia, Athens, Ga. 21 pp./

This study determined the number of vehicles and foot travelers a hiker was likely to encounter while walking wilderness and non-wilderness sections of the main Road, Cumberland Island National Seashore.

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KW: vehicles, foot travelers, traffic patterns

Document Location: UGA

**Bratton, Susan P.**

February 1988.

U.S. National Park Service Cooperative Park Studies Unit Institute of Ecology. University of Georgia Annual Report 1987

Reports on wildlife ecology of endangered and extirpated species on Cumberland Island and overgrazing and non-native species. Management of the native species of wild turkeys (*Mycoplasma gallisepticum*) is also reported. Historical documentation and management of historic landscape of Cumberland Island is reported.

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KW: wildlife ecology, historic landscape, turkey, *Mycoplasma gallisepticum*

Document Location: UGA

**Bratton, Susan P. March 1989.**

U.S. National Park Service Cooperative Park Studies Unit  
 Institute of Ecology  
 University of Georgia  
 Annual Report 1988

The impacts of Department of Defense activities on Cumberland Island National Seashore were reported. This project determines manatee movements in Georgia, particularly Cumberland Sound, and will locate manatee feeding areas.

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 KW: manatee, feeding area, Cumberland Sound  
 Document Location: UGA

**Bratton, Susan P. October 1988.**

Wood stork use of fresh and salt water habitats on Cumberland Island National Seashore, CPSU Technical Report No. 50, Institute of Ecology, University of Georgia, Athens, Ga. 24 pp.

A habitat use survey of wading birds conducted at four study areas on Cumberland Island National Seashore collected 1994 observations of individual study sites between January and November, 1987.

-----  
 General Keyword: BIRDS  
 KW: habitat, Wood stork  
 Document Location: CCES

**Bratton, Susan, Canalos, Chris, and Bergeron, Andrew June 1989.**

1988 Surveys for Wood Storks and Least Terns, Cumberland Island National Seashore, CPSU Technical Report No. 56, Institute of Ecology, University of Georgia, Athens, Ga.

A total of 33 two hour flights in two series were undertaken to locate wood storks(*Mycetria americana*) in the Cumberland Sound region. Locations and numbers seen were recorded for the flights.

Foot surveys were done to locate three areas of least tern(*Sterna albifrons*) nesting and activity.

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 KW: Wood Storks, Least Terns  
 Document Location: UGA

**Bratton, Susan P., and NPS Basic Vegetation Management Course 1986.**

Experimental Control of Tung Trees at Cumberland Island National Seashore, NPS-CPSU Technical Report 29 Institute of Ecology, University of Georgia, Athens, Ga. 19 pp.

Tests of methods of removing exotic tung trees, *Aleurites fordii*, on Cumberland Island National Seashore indicate hand cutting can be effective but requires multiple repeated treatments.

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 General Keyword: VEGT  
 Document Location: CCES

**Bratton, Susan P., and US National Park Service****Basic Vegetation Management Course July 1987.**

Potential Locations for Primitive Campsites, Cumberland Island National Seashore, NPS-CPSU Technical Report no. 38, Institute of Ecology, University of Georgia, Athens, Ga.

A series of potential locations for new primitive campsites were investigated on Cumberland Island National Seashore, Georgia. Three sites were subjected to field evaluation for vegetation, soil density, water levels, fauna, wilderness character, and archaeologic and historic resources.

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General Keyword: MANL

Document Location: CCES

**Broida, T. R. 1974.**

Feasibility of establishing a specialized conference center at Plum Orchard. Unpublished, available at U.S. Department of Interior, National Park Service, Office of Associate Director of Cultural Resources, Washington, D.C. 65 pp.

-----

General Keyword: MANL

KW: Plum Orchard, visitor use, environ assess, historic res, human impacts

Document Location: NPSDC

**Brunswick Junior College. 1974.**

Water quality investigation of estuaries of Georgia: An interim report. Prepared under contract to Georgia Department of Natural Resources, Environmental Protection Division, Brunswick, GA.

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General Keyword: GEOS

KW: estuaries, water quality, water chemistry, coliforms, hydrology

Document Location: GADNR

**Bryan, M. G. 1861.**

Historical letters written in 1861 by Phineas Miller Nightingale of Cumberland Island, Georgia, discovered in State Archives Department. State Historian and Director, Department of Archives and History, Atlanta, GA. 2 pp.

-----

General Keyword: CUHI

KW: history, Lee, Gen Henry, historical acct, historic res, correspondence

Document Location: CUIS

**Bryant, P. (compiler) 1972.**

English Crown Grants for islands in Georgia, 1755-1775. State Printing Office, Atlanta, GA.

-----

General Keyword: CUHI

KW: British, land-use, ownership, barrier islands, historical acct

Document Location: BIBL

**Buckley, P. A. 1982.**

Reconciling structural and non-structural solutions to coastal erosion problems, pp. 148-168. in: Mayo, B. and Smith, L. (eds.), Proceedings of a Barrier Island Forum and Workshop, Provincetown, Massachusetts, 1980. U.S. Department of Interior, National Park Service, North Atlantic Regional Office, Boston, MA.

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General Keyword: MANL

KW: CZM, coastline, erosion, structures, protection

Document Location: CCES

**Buckley, P. A., and Buckley, F. G. 1983.**

Conservation of colonial waterbirds. *Oceanus* 26:55-61.

-----

General Keyword: BIRDS

KW: waterbirds, conservation, colonial nester, popul dynamics, ecology

Document Location: LSM

**Buckley, P. A., and Buckley, F. G. 1976a.**

Guidelines for the protection of colonially nesting waterbirds. U.S. Department of Interior, National Park Service, North Atlantic Regional Office, Boston, MA. 54 pp.

-----

General Keyword: BIRDS

KW: waterbirds, protection, colonial nester, popul dynamics, ecology

Document Location: CCES

**Buckley, P. A., and Buckley, F. G. 1976b.**

Protecting waterbirds. *Trends* July-August-September 1976:21-31.

-----

General Keyword: BIRDS

KW: waterbirds, protection, colonial nester, popul dynamics, ecology

Document Location: CCES

**Bullard, M. R. 1982.**

An abandoned Black settlement on Cumberland Island, Georgia. E.O. Painter Printing Co., DeLeon Springs, FL. 129 pp.

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General Keyword: CUHI

KW: liberation, Blacks, historical acct, settlement, cultural res

Document Location: UGAMN

**Bullard, M. R. 1983.**

Black liberation on Cumberland Island in 1815. E.O. Painter Printing Co., DeLeon Springs, FL. 141 pp.

-----

General Keyword: CUHI

KW: Blacks, slavery, liberation, historical acct, cultural res

Document Location: UGAMN

**Bullard, M. R. 1975.**

Historical occupation of Cumberland Island, pp. 3-22. in: Hillestad, H.O., et al. (eds.), The ecology of Cumberland Island National Seashore, Camden County, Georgia. Technical Report Series No. 75-5, Georgia Marine Science Center, University System of Georgia, Skidaway Island, GA.

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General Keyword: CUHI

KW: archeology, anthropology, historic res, cultural res, historic sites

Document Location: CCES

**Bullard, M. R. 1986.**

Robert Stafford of Cumberland Island: Growth of a planter. E.O. Painter Printing Co., DeLeon Springs, FL. 349 pp.

-----

General Keyword: CUHI

KW: Stafford, Rob., family history, genealogy, historical acct, cultural res

Document Location: UGACRU

**Burleigh, T. D. 1958.**

Georgia Birds. University of Oklahoma Press, Norman, OK. 746 pp.

-----

General Keyword: BIRDS

KW: field guide, species list, distribution, ecology, life history

Document Location: BIBL

**Burroughs, W. B. 1904.**

Cumberland Island, Georgia. The Gulf States Historical Magazine 2(5,6).

-----

General Keyword: CUHI

KW: history, historical acct, natural history, cultural res, historic res

Document Location: BIBL

**Business Review Editions, Inc N.A.**

Georgia historical review featuring Camden County. Business Review Editions, Inc., Montgomery, AL. 20 pp.

-----

General Keyword: CUHI

KW: history, Camden County, historic sites, historic res, cultural res

Document Location: CUIS

**Caldwell, D. K. 1968.**

Baby loggerhead turtles associated with sargassum weed. Quarterly Journal of the Florida Academy of Sciences 31:271-72.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, sargassum weed, endangered sp, ecology

Document Location: AMNH



**Caldwell, D. K. 1962a.**

Comments on the nesting behavior of Atlantic loggerhead sea turtles, based primarily on tagging returns. Quarterly Journal of the Florida Academy of Sciences 25(4):287-302.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, ecology, behavior, nesting

Document Location: DUKE

**Caldwell, D. K. 1962b.**

Growth measurements of young captive Atlantic sea turtles in temperate waters. Los Angeles County Museum Contributions to Science 50:1-8.

-----

General Keyword: RPTAM

KW: sea turtles, growth, ecology, popul dynamics, endangered sp

Document Location: AMNH

**Caldwell, D. K., Carr, A., and Ogren, L. H. 1959.**

Nesting and migration of the Atlantic loggerhead. Bulletin of the Florida State Museum 4(10):295-308.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, nesting, migration, distribution

Document Location: BIBL

**Caldwell, D. K., and Golley, F. B. 1965.**

Marine mammals from the coast of Georgia to Cape Hatteras. Journal of the Elisha Mitchell Society 81(1):24-32.

-----

General Keyword: MAMM

KW: marine mammals, manatees, species list, sighting, inventory

Document Location: LSM

**Caldwell, D. K., Neuhauser, H. N., Caldwell, M. C., and Coolidge, H. W. 1971.**

Recent records of marine mammals from the coasts of Georgia and South Carolina. Cetology 5:1-12.

-----

General Keyword: MAMM

KW: marine mammals, sighting, distribution, range, ecology

Document Location: BIBL

**Caldwell, J. R. 1952.**

The archaeology of eastern Georgia and South Carolina, pp. 312-321. in: Griffin, J.B. (ed.), Archaeology of the Eastern United States. University of Chicago Press, Chicago, IL.

-----

General Keyword: CUHI

KW: archaeology, coastal plain, artifacts, historic sites, cultural res

Document Location: BIBL

**Camden County Historical Commission. 1972.**

Camden County, Georgia. Camden County Historical Commission, St. Marys, GA. 36 pp.

-----  
General Keyword: CUHI

KW: Camden County, history, inventory, historic res, cultural res

Document Location: CUIS

**Camhi, M. D., and Ehrenfeld, D. W. 1986.**

Nesting success of the loggerhead sea turtle (*Caretta caretta*) at Cumberland Island National Seashore. Progress Report. Unpublished, Contribution No. 1007, Center for Coastal and Environmental Studies, National Park Service Cooperative Research Unit, Rutgers University, New Brunswick, NJ. 30 pp

-----  
General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, nesting, recruitment, distribution

Document Location: CCES

**Carley, D. H. N.A.**

Economic analysis of the commercial fisheries industry of Georgia. Research Bulletin No. 37, University of Georgia, Agricultural Experiment Station, Athens, GA.

-----  
General Keyword: FISH

KW: fisheries, economics, natural res, survey, inventory

Document Location: UGAMN

**Carr, A., Meylan, A., Mortimer, J., Bjorndal, K., and Carr, K. 1982.**

Surveys of sea turtle populations and habitats in the western Atlantic. NOAA Technical Memorandum, U.S. Department of Commerce, National Oceanographic and Atmospheric Administration, Washington, DC.

-----  
General Keyword: RPTAM

KW: sea turtles, distribution, popul dynamics, habitat, endangered sp

Document Location: NOAA

**Carr, D., and Carr, P. 1978.**

Report on the loggerhead turtles of southeastern United States of America. Unpublished, U.S. Department of Commerce, National Oceanographic and Atmospheric Administration, National Marine Fisheries Service, Washington, DC. 15 pp.

-----  
General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, endangered sp, survey, ecology

Document Location: NOAA

**Carson, R. L. 1944.**

Fish and shellfish of the south Atlantic and Gulf Coasts. U.S. Department of Interior, Conservation Bulletin No. 37, U.S. Government Printing Office, Washington, DC. 45 pp.

-----  
General Keyword: MANL

KW: fisheries, shellfish, natural res, ecology, distribution

Document Location: CAHA

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**Carter, H. S. 1970.**

Georgia tropical cyclones and their effect on the state. Technical Memorandum No. 14, Environmental Data Service, U.S. Environmental Services Administration, Silver Spring, MD. 37 pp.

-----

General Keyword: CGEO

KW: storms, coastal zone, environ impacts, damage, protection

Document Location: BIBL

**Carver, R. E. 1968.**

The piezometric surface of the coastal plain aquifer in Georgia, estimates of original elevation and long-term decline. Southeastern Geology 9(1):87-99.

-----

General Keyword: GEOS

KW: aquifers, coastal plain, elevation, geol history, water supply

Document Location: BIBL

**Cate, M. E. 1955.**

Early days of coastal Georgia. Fort Frederica Association, St. Simons, GA.

-----

General Keyword: CUHI

KW: coastal plain, demography, historical acct, historic res, cultural res

Document Location: BIBL

**Cate, M. S. 1979.**

Our todays and yesterdays. A story of Brunswick and the coastal islands. Revised edition. The Reprint Company, Publishers, Spartanburg, SC. 302 pp.

-----

General Keyword: CUHI

KW: barrier islands, historical acct, natural history, historic res, cultural res

Document Location: UGACPS

**Catlin, R. A. 1977.**

Petition to retain St. Marys, Georgia as the embarkation point for Cumberland Island. Unpublished, Assistant Professor of City Planning, Georgia Institute of Technology, Atlanta, GA. 24 pp.

-----

General Keyword: MANL

KW: ferries, visitor use, environ impacts, water supply, sewage treat

Document Location: CUIS

**Chapman, R. L. 1973.**

An addition to the macroscopic marine algae flora of Georgia. The genus *Cladophora*. Bulletin of the Georgia Academy of Science 31:47-50.

-----

General Keyword: VEGT

KW: marine algae, *Cladophora*, species list, range, distribution

Document Location: LSM

**Chapman, R. L. 1971.**

The macroscopic marine algae of Sapelo Island and other sites on the Georgia coast. *Bulletin of the Georgia Academy of Science* 29(1):77-89.

-----

General Keyword: VEGT

KW: algae, distribution, ecology, survey, species list

Document Location: DUKE

**Christman, S. P., and Lippincott, W. Jr 1978.**

Rare and endangered vertebrates of the southeastern United States coastal plain: A summary of public concern for sensitive wildlife. FWS/OBS-78/31, U.S. Department of Interior, Fish and Wildlife Service, Office of Biological Services, Washington, DC.

-----

General Keyword: MANL

KW: wildlife, endangered sp, coastal plain, distribution, conservation

Document Location: FWS

**Clapp, R., and Buckley, P. A. 1984.**

Status and conservation of seabirds in the southeastern United States, pp. 135-155. *in*: Croxall, J., Evan, P., and Schreiber, R. (eds.), Status and Conservation of the World's Seabirds. ICBP Technical Report No. 2, International Council for Bird Preservation, Cambridge, England.

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General Keyword: BIRDS

KW: seabirds, status, conservation, distribution, ecology

Document Location: CCES

**Clement, C. D. 1971.**

The Georgia coast: Issues and options for recreation. College of Business Administration, University of Georgia, Athens, GA. 167 pp.

-----

General Keyword: MANL

KW: recreation, visitor use, land-use, planning, CZM

Document Location: UGAMN

**Clement, C. D., and Richardson, J. I. 1971.**

Recreation of the Georgia coast: An ecological approach. *Georgia Business* 30(11):1-24.

-----

General Keyword: MANL

KW: recreation, Golden Isles, ecology, environ assess, visitor use

Document Location: BIBL

**Coastal Plains Center for Marine Development Services. 1972a.**

A directory of bibliographies relevant to the environment and activities of the coastal plains region. Publication No. 72-3, Coastal Plains Center for Marine Development Services, Wilmington, NC. 43 pp.

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General Keyword: BIBL

KW: conservation, land-use, development, recreation, management

Document Location: CAHA

**Coastal Plains Center for Marine Development Services. 1972b.**

An index to coastal marine observations off the Carolinas and Georgia, Part II. in: An Environmental Inventory for the Coastal Plains and Adjacent Atlantic Waters of the Southeastern States. Coastal Plains Center for Marine Development Services, Wilmington, NC. 191 pp.

-----

General Keyword: MANL

KW: barrier islands, environ assess, inventory, oceanography, natural res

Document Location: N.A.

**Coastal Plains Center for Marine Development Services. 1972c.**

An index to hydrographic surveys for coastal and inshore waters of the Carolinas and Georgia, Part III. in: An Environmental Inventory for the Coastal Plains and Adjacent Atlantic Waters of the Southeastern States. Coastal Plains Center for Marine Development Services, Wilmington, NC. 71 pp.

-----

General Keyword: GEOS

KW: hydrography, groundwater, natural res, survey, aquifers

Document Location: N.A.

**Coastal Plains Center for Marine Development Services. 1972d.**

Proceedings of Seminar on Planning and Engineering in the Coastal Zone. Seminar Series No. 2, Coastal Plains Center for Marine Development Services, Wilmington, NC.

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General Keyword: MANL

KW: CZM, processes, environ impacts, legal aspects, mapping

Document Location: CALO

**Cofer-Shabica, Stephen V. (editor)**

Symposium on Coastal and Ocean Management (7th: 1991: Long Beach, California.) Biological and Physical Aspects of dredging, Kings Bay, Georgia, July 1991.

Coastal Zone '91 is the seventh in a series of multidisciplinary biennial symposia on comprehensive coastal and ocean management. Professionals, citizens and decision makers met for five days in Long Beach, California, to exchange information and views on matters ranging from regional to international scope and interest. This year's theme was entitled "A Spotlight on Solutions, Global concerns: Multi-Level Responsibilities", emphasized a recurrent focus on practical coastal problem solving. This volume of the "Coastlines of the World" series is included as part of the Coastal Zone '91 Conference. The purpose of the special regional volume is to focus on the coastline and coastal zone management of the Biological and Physical Aspects of Dredging, Kings Bay, Georgia, U.S.A.

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KW: coastline, dredging, Kings Bay

**Cofer-Shabica, Stephen V., Becker, R. H., and Allen, Deborah**

Aerial Photographic Analyses of Boat Traffic Distributions in Cumberland Sound, Georgia. Biological and Physical Aspects of Dredging Kings Bay, Georgia/Coastal Zone '91 Congerence-ASCE Long Beach, CA/July 1991.

An Aerial Photographic assessment of boating distribution in the Cumberland Sound, Georgia was undertaken to evaluate possible impacts associated with a rerouting of the Intracoastal Waterway to accommodate anticipated increases in military and commercial traffic from expansion of the Kings Bay Naval facility.

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KW: boating, Intracoastal Waterway

**Cofer-Shabica, Stephen V., and Hargrove, W.**

Automated Remote Meteorological Stations for Climatic Water Budget Determination at Cumberland Island, Georgia, USA. Biological and Physical Aspects of Dredging Kings Bay, Georgia/Coastal Zone '91 Conference-ASCE Long Beach, CA/July 1991.

The potential physical effects of dredging on the surface and ground water hydrological systems of Cumberland Island National Seashore are being evaluated through investigations of the ground water hydrology. This research includes an evaluation of the water budget of the island in which the concern is with a quantitative assessment, through time, of how precipitation is stored, utilized, changed, or otherwise dispersed.

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KW: hydrology, dredging

**Cofer-Shabica, Stephen V., Molzan, Darrell, and Pope, Joan**

Biological and Physical Aspects of Dredging, Kings Bay, Georgia, USA. Biological and Physical Aspects of Dredging Kings Bay, Georgia/Coastal Zone '91 Conference-ASCE Long Beach, CA/July 1991.

The potential biophysical impacts of dredging the Cumberland Sound for the Trident class submarines are being evaluated by the National Park Service through the following series of research projects: 1. Assessment of changes of Cumberland Island Marsh, Mudflat and Tidal Creek Morphology and Sediment Accretion Rates, 2. Assessment of Health and Population Dynamics of Bivalve Populations, 3. Geologic History of Cumberland Island Marshes, 4. Assessment of the Groundwater Hydrology in the Vicinity of the Kings Bay Ship Channel, 5. Rare and Endangered Species Surveys, and 6. Cumberland Island Data Management and Synthesis.

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KW: mudflat, tidal creek, sediment accretion, hydrology

**Cooke, C. W. 1943.**

Geology of the coastal plain of Georgia. USGS Bulletin No. 941, U.S. Geologic Survey, Washington, DC. 121 pp.

-----

General Keyword: GEOS

KW: geology, coastal plain, survey, sediments, distribution

Document Location: USGS

**Cooke, C. W. 1925.**

Physical geography of Georgia. Bulletin No. 42, Georgia Geologic Survey, Atlanta, GA. 189 pp.

-----

General Keyword: GEOS

KW: geology, geography, geol history, processes, stratigraphy

Document Location: GAGS

**Corson, William D., and McKinney, James P.**

Summary of Directional Wave Data from 3 Different Monitoring Systems Deployed Offshore of St. Mary's Entrance, Georgia. Biological and Physical Aspects of Dredging Kings Bay, Georgia/Coastal Zone '91 Conference-ASCE Long Beach, CA/July 1991, pp.132-142.

Directional wave data have been analyzed for 3 wave monitoring systems deployed offshore of St. Marys Entrance, Georgia. The 3 systems are: 1. Coastal Engineering Research Center (CERC) p-u-v gage, 2. CERC slope array (SA), and 3. National Oceanic and Atmospheric Administration (NOAA), National Data Buoy Center Pitch-roll buoy.

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KW: wave data

**Coston-Clements, L., and Hoss, D. E. 1983.**

Synopsis of data on the impact of habitat alteration on sea turtles around the southeastern United States. NOAA Technical Memorandum NMFS-SEFC-117, U.S. Department of Commerce, National Oceanographic and Atmospheric Administration, National Marine Fisheries Service, Southeast Fisheries Center, Washington, DC. 57 pp.

-----

General Keyword: RPTAM

KW: sea turtles, human impacts, habitat, damage, life history

Document Location: CALO

**Coulter, E. M. (ed.) 1937.**

Georgia's disputed ruins. University of North Carolina Press, Chapel Hill, NC.

-----

General Keyword: CUHI

KW: architecture, historic sites, structures, historic res, cultural res

Document Location: UNC

**Couvillion, C. E., Davidson, W. R., and Nettles, V. F. 1985.**

Distribution of *Elaeophora schneideri* in white-tailed deer in the southeastern United States, 1962-1983. Journal of Wildlife Diseases 21(4):451-453.

-----

General Keyword: MAMM

KW: deer, diseases, parasites, distribution, pathology

Document Location: MABEL

**Cowman, C. F. Jr. 1983.**

Memo: Georgia Marine Turtle Stranding Network. Final report 1982. Unpublished, Coastal Resources Division, Department of Natural Resources, Brunswick, GA.

-----

General Keyword: RPTAM

KW: sea turtles, strandings, endangered sp, conservation, management

Document Location: CUIS

**Cowman, C. F. Jr. 1981.**

Memo: Stranding network report for Georgia. Unpublished, Coastal Resources Division, Georgia Department of Natural Resources, Brunswick, GA. 2 pp.

-----

General Keyword: RPTAM

KW: sea turtles, strandings, endangered sp, conservation, management

Document Location: CUIS

**Cramer, H. R. 1972.**

Annotated bibliography of Georgia geology 1960-1964. Bulletin 84, Georgia Department of Mines, Mining, and Geology, Atlanta, GA.

-----  
General Keyword: BIBL

KW: geology, geography, physiography, stratigraphy, lithology

Document Location: BIBL

**Crook, M. R. Jr. 1978.**

Mississippian Period community organization on the Georgia coast. Unpublished Ph.D. Dissertation, University of Florida, Gainesville, FL. 96 pp.

-----  
General Keyword: CUHI

KW: Mississippi Per, archaeology, Am Indians, communities, middens

Document Location: CUIS

**Crook, M. R. Jr. 1985.**

A strategy for cultural resource planning in Georgia. Office of the State Archaeologist, West Georgia College, Carrollton, GA.

-----  
General Keyword: MANL

KW: management, cultural res, planning, historic res, historic sites

Document Location: BIBL

**Crouse, D. T., Crowder, L. B., and Caswell, H. 1987.**

A stage-based population model for loggerhead sea turtles and implications for conservation. Ecology 68(5):1412-1423.

-----  
General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, popul dynamics, modeling, conservation

Document Location: LSM

**Dahlberg, M. D. 1972.**

An ecological study of Georgia coastal fishes. U.S. Fishery Bulletin 70(2): 323-353.

-----  
General Keyword: FISH

KW: coastal zone, ichthyofauna, ecology, distribution, species list

Document Location: LSM

**Dahlberg, M. D., and Heard, R. W. III. 1969.**

Observations on elasmobranchs from Georgia. Quarterly Journal of the Florida Academy of Sciences 32:21-25.

-----  
General Keyword: FISH

KW: ichthyofauna, coastal zone, elasmobranchs, ecology, distribution

Document Location: FIRE

**Dahlberg, M. D., and Odum, E. P. 1970.**

Annual cycles of species occurrence, abundance, and diversity in Georgia estuarine fish populations. American Midland Naturalist 83(2):382-392.

-----  
General Keyword: FISH

KW: species list, seasonality, distribution, abundance, size class

Document Location: LSM



**Davis, J. S., and et al. [sic]. 1980.**

Ecological characterization of the Sea Island coastal region of South Carolina and Georgia: Resource atlas. U.S. Department of Interior, Fish and Wildlife Service, Washington, DC.

-----

General Keyword: MANL

KW: barrier islands, ecology, flora, fauna, natural res

Document Location: FWS

**Davison, K. L. 1983.**

Cumberland Island fire effects study. Park Science 4(1):20-22.

-----

General Keyword: VEGT

KW: fire ecology, fire history, succession, environ impacts, management

Document Location: GATE

**Davison, K. L. 1982.**

Fire effects study on Cumberland Island National Seashore. University of Georgia, National Park Service Cooperative Research Unit, Athens, GA. 6 pp.

-----

General Keyword: VEGT

KW: fire ecology, fire history, succession, environ impacts, management

Document Location: CUIS

**Davison, K. L. 1984a.**

Vegetation response and regrowth after fire on Cumberland Island National Seashore, pp. 12-15. in: Foley, M.K., and Bratton, S.P. (eds.), Barrier Islands, Critical Fire Management Problems, Proceedings of a Workshop, February 8-10, 1984, Canaveral National Seashore, Titusville, FL.

-----

General Keyword: VEGT

KW: fire ecology, environ impacts, revegetation, growth, succession

Document Location: CCES

**Davison, K. L. 1984b.**

Vegetation response and regrowth after fire on Cumberland Island National Seashore, Georgia. (Reprint of M.S. Thesis, University of Georgia, Athens, GA). Research/Resources Management Report SER-69, U.S. Department of Interior, National Park Service, Southeast Regional Office, Atlanta, GA. 121 pp. Vegetation response and post fire regrowth were documented on Cumberland Island National Seashore, Georgia. Soils were sampled and canopy mortality was assessed.

-----

General Keyword: VEGT

KW: fire ecology, environ impacts, habitat, growth, ecology

Document Location: CCES

**Davison, Kathryn Louise 1984.**

Vegetation Response and Regrowth After Fire on Cumberland Island National Seashore, Georgia, National Park Service - Southeast Region Research/ Resources Management Report Ser - 69.

Vegetation response and post-fire regrowth were documented on Cumberland Island National Seashore, Georgia. Soils were sampled and canopy mortality was assessed. Results were compared to data from similar unburned, old burn, and prescribed burned sites.

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Document Location: fire ecology, fire survivorship, Maritime Hardwood forest, mixed pine oak forest, scrub, cordgrass marsh

**Davison, Kathryn L., and Bratton, Susan P. March 1988.**

Vegetation Response and Regrowth after Fire on Cumberland Island National Seashore, Georgia. *Castanea* 53 (1): 47-65

Vegetation response after natural fire was investigated in the Georgia Sea Islands. Nearly all above-ground stems were killed in the scrub and marsh communities. Within two years burned marshes strongly resembled unburned marshes in vegetation cover and species diversity.

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General Keyword: VEGT

Document Location: LSM

**Day, N. R. 1979.**

Cumberland Island little piggies are going to market. *National Parks and Conservation Magazine* 53(11):14-16.

-----

General Keyword: MAMM

KW: feral hogs, environ impacts, loggerheads, nesting, habitat

Document Location: LSM

**Deagan, K. A. 1978.**

Cultures in transition: Fusion and assimilation among the Eastern Timucua, pp. 89-119. *in*: Milanich, J. and Proctor, S. (eds.), *Tacachale: Essays on the Indians of Florida and Southeastern Georgia during the Historic Period*. The University Presses of Florida, Gainesville, FL.

-----

General Keyword: CUHI

KW: anthropology, Am Indians, cultural res, distribution, popul dynamics

Document Location: BIBL

**Decatur Reporting Company. 1977.**

Public hearing on the Draft General Management Plan and Wilderness Study on the Cumberland Island National Seashore. Decatur Reporting Company, Decatur, GA. 99 pp.

-----

General Keyword: MANL

KW: hearings, GMP, public opinion, environ assess, visitor use

Document Location: CUIS

**Denton, F., and et al. [sic]. 1977.**

Georgia Ornithological Society annotated checklist of Georgia birds. Georgia Ornithological Society, Atlanta, GA. 57 pp.

-----

General Keyword: BIRDS

KW: species list, survey, checklist, distribution, sighting

Document Location: BIBL

**DePratter, C. B. 1977.**

Environmental changes on the Georgia coast during the prehistoric period. Early Georgia 5:1-14.

-----

General Keyword: MANL

KW: environ assess, prehistory, natural res, ecology, changes

Document Location: BIBL

**Deutschle, S. A. 1974.**

Preliminary archeological reconnaissance of the Cumberland Island mainland development. U.S. Department of Interior, National Park Service, Southeast Archeological Center, Tallahassee, FL. 17 pp.

-----

General Keyword: CUHI

KW: archaeology, maps, vegetation, artifacts, cultural res

Document Location: NPSDSC

**Deutschle, S. A., and Wilson, R. C. 1975a.**

Assessment of archeological and historical resources of the Georgia coast adjacent to Cumberland Island National Seashore. U.S. Department of Interior, National Park Service, Southeast Archeological Center, Tallahassee, FL. 25 pp.

-----

General Keyword: CUHI

KW: archeology, historic res, historic sites, cultural res, management

Document Location: CUIS

**Deutschle, S. A., and Wilson, R. C. 1975b.**

History of St. Marys and vicinity, Jekyll Island, Fernandina. U.S. Department of Interior, National Park Service, Southeast Archeological Center, Tallahassee, FL. 17 pp.

-----

General Keyword: CUHI

KW: history, historical acct, historic sites, historic res, cultural res

Document Location: CUIS

**Deutschle, S. A., and Wilson, R. C. 1975c.**

Known prehistoric and historic resources of Cumberland Island National Seashore. U.S. Department of Interior, National Park Service, Southeast Archeological Center, Tallahassee, FL. 64 pp.

-----

General Keyword: CUHI

KW: archeology, cultural res, historic sites, historic res, management

Document Location: CUIS

**Dexter, R. W. 1988.**

History of American marine biology and marine biology institutions, introduction: Origins of American marine biology. *American Zoologist* 28(1):3-6.

-----

General Keyword: MANL

KW: marine environ, biology, research, origins, historical acct

Document Location: MABEL

**Dix, M. W., and Richardson, J. I. 1972.**

Reproductive periodicity of the loggerhead sea turtle, *Caretta caretta* (Reptilia: Chelonia). *Association of Southeastern Biologists Bulletin* 19(2):65.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, nesting, migration, reproduction

Document Location: NCSU

**Dolan, R., and Hayden, B. P. 1974.**

Adjusting to nature in our National Seashores. *National Parks and Conservation Magazine* 48(6):9-15.

-----

General Keyword: MANL

KW: stabilization, erosion, accretion, environ impacts, environ assess

Document Location: LSM

**Dopson, C. W. Jr., and Richardson, J. I. 1968.**

Late summer and fall observations from the Georgia coast. *Oriole* 33(4):41-43

-----

General Keyword: BIRDS

KW: seasonality, migration, range, distribution, behavior

Document Location: BIBL

**Duncan, W. H. 1941.**

Guide to Georgia trees. University of Georgia Press, Athens, GA. 63 pp.

-----

General Keyword: VEGT

KW: field guide, trees, ecology, distribution, habitat

Document Location: CUIS

**Duncan, W. H. 1975.**

Woody vines of the southern United States. The University of Georgia Press, Athens, GA. 75 pp.

-----

General Keyword: VEGT

KW: field guide, vines, species list, distribution, ecology

Document Location: CUIS

**Duncan, W. H., and Foote, L. E. 1975.**

Wildflowers of the southeastern United States. The University of Georgia Press, Athens, GA. 296 pp.

-----

General Keyword: VEGT

KW: field guide, wildflowers, species list, distribution, ecology

Document Location: CUIS

**Ehrenfeld, J. E. 1983.**

Recreational impact on the back-dune vegetation: Ecological processes and management guidelines, pp. 10-16. *in*: A proposal to establish a cooperative agreement on barrier island resource management on Atlantic Coast National Parks with the North Atlantic Region National Park Service. Center for Coastal and Environmental Studies, Rutgers University, New Brunswick, NJ.

-----

General Keyword: MANL

KW: dunes, vegetation, recreation, environ impacts, management

Document Location: CCES

**Ehrenhard, J. E. 1976a.**

Cumberland Island National Seashore: Assessment of archeological and historic resources. U.S. Department of Interior, National Park Service, Southeast Archeological Center, Tallahassee, FL. 137 pp.

-----

General Keyword: CUHI

KW: archeology, historic sites, cultural res, historic res, management

Document Location: NPSDSC

**Ehrenhard, J. E. 1981.**

Cumberland Island National Seashore: Archeological mitigation of National Park Service 9 CAM 5 and 5 CAM 6. U.S. Department of Interior, National Park Service, Southeast Archeological Center, Tallahassee, FL. 112 pp.

-----

General Keyword: CUHI

KW: archeology, historic sites, historic res, cultural res, management

Document Location: CUIS

**Ehrenhard, J. E. 1976b.**

Historic site location through scale reduction and graphics, p. 39. *in*: First Conference on Scientific Research in the National Parks, Abstracts, 9-13 November, 1976, New Orleans, Louisiana.

-----

General Keyword: CUHI

KW: historic sites, historic res, cultural res, mapping, topography

Document Location: CCES

**Ehrenhard, J. E. 1975.**

A preliminary evaluation of National Register site eligibility, Cumberland Island National Seashore area. Unpublished, U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO. 6 pp.

-----

General Keyword: CUHI

KW: archeology, historic sites, cultural res, historic res, inventory

Document Location: NPSDSC

**Ehrenhard, J. E., and Bullard, M. R. 1981.**

The Chimneys, Stafford Plantation, Cumberland Island National Seashore, Georgia: Archeological investigations of a slave cabin. U.S. Department of Interior, National Park Service, Southeast Archeological Center, Tallahassee, FL. 102 pp.

Archeological work was used to examine the preservation and stabilization on the chimneys, a slave settlement belonging to Robert Stafford, to arrest deterioration and preserve their structural integrity.

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General Keyword: CUHI

KW: archeology, slaves, historic sites, historic res, management

Document Location: CUIS

**Elliot, D. G. 1901.**

A list of mammals obtained by Thaddeus Surber, in North and South Carolina, Georgia, and Florida. Field Columbian Museum Publication 58, Zoology Series 3: 31-57.

-----

General Keyword: MAMM

KW: species list, history, distribution, habitat, ecology

Document Location: BIBL

**Eubanks, T. H., and Adams, W. H. 1986.**

Archeological resources management plan for the Kings Bay archeological multiple resource area. Volume 3. Reports of Investigations 3, Department of Anthropology, University of Florida, Gainesville, FL.

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General Keyword: MANL

KW: archeology, Kings Bay, management, survey, historic res

Document Location: UFL

**Fancher, B. 1971.**

The lost legacy of Georgia's Golden Isles. Doubleday, New York, NY.

-----

General Keyword: CUHI

KW: Golden Isles, history, historical acct, cultural res, natural history

Document Location: BIBL

**Fendig, G., and Stewart, E. 1970.**

Native flora of the Golden Isles. Sentinel Publishing Co., Lubbock, TX. 177 pp.

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General Keyword: VEGT

KW: flora, field guide, species list, distribution, ecology

Document Location: CUIS

**Fincher, G. T., and Woodruff, R. E. 1979.**

Dung beetles of Cumberland Island, Georgia (Coleoptera: Scarabaeidae). Coleoptera Bulletin 33(1):69-70.

-----

General Keyword: INVRT

KW: dung beetles, distribution, survey, species list, parasites

Document Location: ENT

**Finley, M. 1986.**

1985 foal survivorship in feral horses on Cumberland Island National Seashore, Georgia. NPS-CPSU Technical Report No. 26, Institute of Ecology, University of Georgia, Athens, GA. 10 pp.

From March through December 1985, observers monitored foal birth and mortality for seven horse herds on Cumberland Island National Seashore. Mortality rate was higher for foals born on Cumberland Island than for free ranging horses in the Western United States.

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General Keyword: MAMM

KW: feral horses, popul dynamics, reproduction, mortality, survivorship

Document Location: CCES

**Finley, M. 1985.**

Structure of the feral horse population, 1985: Cumberland Island National Seashore, Camden County, Georgia. NPS-CPSU Technical Report No. 17, Institute of Ecology, University of Georgia, Athens, GA. 25 pp.

A horse population census on Cumberland Island was collected to find the total horse population, how are the horse herds distributed on the island, what are the patterns of habitat utilization, what is the sex and age structure of the population, and what population trends may be occurring.

-----

General Keyword: MAMM

KW: feral horses, popul dynamics, grazing, habitat, environ impacts

Document Location: CCES

**Fisackerly, G. M., Fagerburg, T. L., and Knowles S.C.**

Estuarine Dynamics at Cumberland Sound, Georgia, USA. Biological and Physical Aspects of Dredging Kings Bay, Georgia/Coastal Zone '91 Conference-ASCE Long Beach, CA/July 1991, pp 143-156.

In May 1990, an intensive hydrodynamic survey of the estuary was conducted as part of the study to assess the effects of the channel improvements on the estuarine and coastal processes in the area of Cumberland and Amelia Islands, and Cumberland Sound.

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KW: hydrodynamic, estuary

**Ford, C. R. 1986.**

Deer hunting memorandum to the Superintendent of Cumberland Island National Seashore. Unpublished memorandum, School of Forest Resources, University of Georgia, Athens, GA. 2 pp.

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General Keyword: MAMM

KW: deer, hunting, popul dynamics, life history, management

Document Location: UGACPS

**Ford, Charles R. December 1987.**

Spotlight Survey for White-tailed Deer Population Trends on Cumberland Island National Seashore, CPSU Report No. 42.

A population survey technique for white-tailed deer populations trends on Cumberland Island National Seashore is developed utilizing night time counts by spotlight.

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**Ford, Charles R.**

The Status of the Cumberland Island Pocket Gopher (*Geomys cumberlandius*) on Cumberland Island National Seashore, Georgia, NPS-CPSU Technical Report No. 15, Institute of Ecology, University of Georgia, Athens, Ga.

The current status of the Cumberland Island pocket gopher is revised. Historical records and descriptions on the location and abundance of pocket gophers on the island are presented.

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General Keyword: MAMM

KW: Pocket gophers, *Geomys*, distribution, history, extirpation

Document Location: CESS

**Fore, P. L. (ed.) 1977.**

Proceedings of the 1977 Oil Spill Response Workshop. U.S. Department of Interior, Fish and Wildlife Service, Office of Migratory Bird Management and Office of Biological Services, Washington, DC. 153 pp.

-----

General Keyword: MANL

KW: oil spills, environ impacts, water quality, biology, CZM

Document Location: CCES

**Fortson, B. W. Jr., and Bryant, P. 1972.**

English Crown grants for islands in Georgia, 1755-1775. State Printing Office, Atlanta, GA. 67 pp.

-----

General Keyword: CUHI

KW: British, land-use, ownership, historic res, cultural res

Document Location: CUIS

**Fraser, C. E. 1970\*.**

Decision time for the Golden Isles of Georgia: Notes on the evolution of public policy. Unpublished, U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO. 65 pp.

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General Keyword: MANL

KW: planning, land-use, environ assess, preservation, recreation

Document Location: NPSDSC

**Fraser, C. E. (ed.) 1969.**

The Golden Isles of Georgia: Decision time for public policy. C.E. Fraser, Hilton Head, SC. 67 pp.

-----

General Keyword: MANL

KW: Golden Isles, land-use, environ assess, preservation, recreation

Document Location: BIBL

**Frazer, N. B. 1983a.**

Demography and life history evolution of the Atlantic loggerhead, *Caretta caretta*. Unpublished Ph.D. Dissertation, University of Georgia, Athens, GA.

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General Keyword: RPTAM

KW: sea turtles, *Caretta Caretta*, demography, life history, popul dynamics

Document Location: UGASCI



**Frazer, N. B. 1984.**

A model for assessing mean age-specific fecundity in sea turtle populations. *Herpetologica* 40(3):281-291.

-----

General Keyword: RPTAM

KW: sea turtles, fecundity, reproduction, nesting, popul dynamics

Document Location: LSM

**Frazer, N. B. 1987.**

Preliminary estimates of survivorship for wild juvenile loggerhead sea turtles. *Journal of Herpetology* 21(3):232-235.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, survivorship, juveniles, endangered sp.

Document Location: LSM

**Frazer, N. B. 1982.**

The survival rate of juvenile loggerhead sea turtles (*Caretta caretta*) necessary to maintain a stable population size. *Association of Southeastern Biologists Bulletin* 29.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, endangered sp, popul dynamics, survivorship

Document Location: PANS

**Frazer, N. B. 1983b.**

Survivorship of adult female loggerhead sea turtles, *Caretta caretta*, in the wild. *Association of Southeastern Biologists Bulletin* 30(2):56.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, popul dynamics, life history, survivorship

Document Location: NCSU

**Frazer, N. B. 1983c.**

Survivorship of adult female loggerhead sea turtles, *Caretta caretta*, nesting on Little Cumberland Island, Georgia, U.S.A. *Herpetologica* 39(4):436-447.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, endangered sp, nesting, survivorship

Document Location: AMNH

**Frazer, N. B., and Richardson, J. I. 1985a.**

Annual variation in clutch size and frequency for loggerhead sea turtles, *Caretta caretta*, nesting at Little Cumberland Island, Georgia, USA. *Herpetologica* 41(3):246-251.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, reproduction, clutch size, nesting

Document Location: LSM

**Frazer, N. B., and Richardson, J. I. 1986.**

The relationship of clutch size and frequency to body size in loggerhead turtles, *Caretta caretta*. Journal of Herpetology 20(1):81-84.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, clutch size, morphology, comparison

Document Location: LSM

**Frazer, N. B., and Richardson, J. I. 1985b.**

Seasonal variation in clutch size for loggerhead sea turtles, *Caretta caretta*, nesting on Little Cumberland Island, Georgia, USA. Copeia 1985(4):1083-1085.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, seasonality, clutch size, nesting

Document Location: LSM

**Frazier, C. C. 1986.**

Architectural data, Plum Orchard Mansion, Cumberland Island National Seashore. Unpublished, available at U.S. Department of Interior, National Park Service, Office of Associate Director of Cultural Resources, Washington, DC. 332 pp.

-----

General Keyword: CUHI

KW: Plum Orchard, architecture, historic sites, historic res, cultural res

Document Location: NPSDC

**Froeschauer, Peggy Stanley August 1989.**

The Interpretation and Management Of An Agricultural Landscape-- Stafford Plantation, Cumberland Island National Seashore, Georgia, CPSU Technical Report No. 59.

Cumberland Island was used to document the existing condition of an agricultural landscape associated with a 19th-century Sea Island cotton plantation. A basis for the future development of a comprehensive interpretation and management plan is also provided.

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**Gallagher, J. L., Plumley, F. G., and Wolf, P. L. 1977.**

Underground biomass dynamics and substrate selective properties of Atlantic coastal salt marsh plants. Technical Report D-77-28, U.S. Army Corps of Engineers, Waterways Experiment Station, Vicksburg, MS. 131 pp.

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General Keyword: VEGT

KW: salt marshes, dredge spoil, biomass, soils, vegetation

Document Location: LSM

**Gallagher, J. L., Reimold, R. J., Linthurst, R. A., and Pfeiffer, W. J. 1980.**

Aerial production, mortality, and mineral accumulation - export dynamics in *Spartina alterniflora* and *Juncus roemerianus* plant stands in a Georgia salt marsh. Journal of Ecology 61(2):303-312.

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General Keyword: VEGT

KW: salt marshes, productivity, processes, energy flow, detritus

Document Location: LSM

**Georgia Department of Natural Resources. 1975.**

Activities in Georgia's coastal waters - past trends and future prospects.

Resource Planning Section, Office of Planning and Research, Georgia Department of Natural Resources, Atlanta, GA. 210 pp.

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General Keyword: MANL

KW: planning, commerce, fisheries, recreation, environ impacts

Document Location: CUIS

**Georgia Department of Natural Resources. 1979.**

Deer population census, Cumberland Island, Georgia. Georgia Department of Natural Resources, Game and Fish Division, Atlanta, GA. 24 pp.

-----

General Keyword: MAMM

KW: deer, census, popul dynamics, life history, distribution

Document Location: CUIS

**Georgia Department of Natural Resources. 1980.**

Deer population census, Cumberland Island, Georgia. Georgia Department of Natural Resources, Game and Fish Division, Atlanta, GA.

-----

General Keyword: MAMM

KW: deer, census, popul dynamics, life history, distribution

Document Location: CUIS

**Georgia Ornithological Society. 1978.**

Georgia Ornithological Society field notes, 1976, 1977, 1978. Georgia Ornithological Society, Atlanta, GA.

-----

General Keyword: BIRDS

KW: sightings, species list, checklist, survey, habitat

Document Location: N.A.

**Georgia Geologic Survey. 1984.**

Hydrogeologic evaluation for underground injection control in the coastal plain of Georgia, 1984. Georgia Geologic Survey, Atlanta, GA.

-----

General Keyword: GEOS

KW: hydrology, groundwater, coastal plain, survey, freshwater

Document Location: GAGS

**Georgia Department of Natural Resources. N.A.**

An overview of Georgia's coastal resources. Georgia Department of Natural Resources, Atlanta, GA.

-----

General Keyword: MANL

KW: wetlands, barrier islands, geomorphology, natural res, historic res

Document Location: GADNR

**Georgia's Governor's Coastal Zone Management Advisory Council. 1977.**

A plan for coastal Georgia - Georgia's coast. Georgia's Governor's Coastal Zone Management Advisory Council, Atlanta, GA. 25 pp.

-----

General Keyword: MANL

KW: CZM, legal aspects, environ impacts, land-use, conservation

Document Location: CUIS

**Georgia House of Representatives. 1955.**

Report of the 1956 Session of the General Assembly, pp. 27-32. State of Georgia, House of Representatives, Cumberland Island Study Committee, Atlanta, GA.

-----

General Keyword: MANL

KW: conservation, land-use, history, development, recreation

Document Location: CUIS

**Gibson, C. D. 1948.**

Sea Islands of Georgia. University of Georgia Press, Athens, GA. 73 pp.

-----

General Keyword: CUHI

KW: Golden Isles, historical acct, historic res, cultural res, natural history

Document Location: UGAMN

**Gillette, C. E. 1904.**

Seacoast harbors in the United States. Transactions of the American Society of Civil Engineers Part A 54(14):297-324 and 339-451.

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General Keyword: CGEO

KW: Cumberland Snd, morphology, processes, tidal deltas, jetties

Document Location: BIBL

**Godwin, W. F. 1968.**

The distribution and density of hard clams, *Mercenaria mercenaria*, on the Georgia coast. Marine Fisheries Division, Georgia Game and Fish Commission, Athens, GA. 30 pp.

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General Keyword: INVRT

KW: mollusks, hard clams, *Mercenaria*, survey, distribution

Document Location: CUIS

**Godwin, W. F. 1967.**

Preliminary survey of a potential hard clam fishery. Marine Fisheries Division, Georgia Game and Fish Commission, Athens, GA. 23 pp.

-----

General Keyword: INVRT

KW: fisheries, hard clams, *Mercenaria*, survey, distribution

Document Location: CUIS

**Golley, F. B. 1962.**

Mammals of Georgia. University of Georgia Press, Athens, GA. 218 pp.

-----

General Keyword: MAMM

KW: species list, distribution, range, habitat, ecology

Document Location: UGASCI

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**Grabner, P. H. F. 1986.**

The law of the coast in a clamshell: Part 22: The Georgia approach. Shore and Beach 54(3):3-7.

-----

General Keyword: MANL

KW: CZM, regulations, legislation, coastal plain, salt marshes

Document Location: LSM

**Graham, Lee A. March, 1986.**

HAREMS A Generalized Data Base Manager and Simulator for Barrier Island Feral Horse Populations

HAREMS is an example of how artificial intelligence methods can be applied to problems in ecology and resource management. Detailed representations of animal populations are useful for 1) assessing the role of the individual and social group in influencing population processes, 2) determining the consequences of management actions, and 3) examining the validity of different behavioral rule bases (theoretical models) governing processes such as dispersal, foraging, and mating strategies.

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**Griffin, M. M. 1982.**

Geologic guide to Cumberland Island National Seashore. Geologic Guide No. 6, Georgia Geologic Survey, Albany, GA. 36 pp.

-----

General Keyword: GEOS

KW: geology, field guide, sediments, stratigraphy, distribution

Document Location: NPSDSC

**Griffin, M. M., and Henry, V. J. Jr. 1984.**

Historical changes in the mean high water shoreline of Georgia, 1857-1982. Georgia Geologic Survey Bulletin 98, Georgia Department of Natural Resources, Environmental Protection Division, Atlanta, GA.

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General Keyword: CGEO

KW: sea level, history, processes, bathymetry, shoreline

Document Location: GAGS

**Hails, J. R., and Hoyt, J. H. 1969.**

An appraisal of the evolution of the lower Atlantic coastal plain of Georgia, U.S.A., pp. 53-68. in: Transactions and Publications No. 46, Institute of British Geographers. George Philip and Son, Ltd., London, England.

-----

General Keyword: CGEO

KW: Quaternary, sea level, changes, barrier islands, carbon dating

Document Location: CUIS

**Hails, J. R., and Hoyt, J. H. 1968.**

Barrier development on submerged coasts: Problems of sea-level changes from a study of the Atlantic coastal plain of Georgia. *Zeitschrift für Geomorphologie* Supplement 7:24-55.

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General Keyword: CGEO

KW: barrier islands, coastal plain, evolution, sea level, changes

Document Location: BIBL

**Hails, J. R., and Hoyt, J. H. 1972.**

The nature and occurrence of heavy minerals in Pleistocene and Holocene sediments of the lower Georgia coastal plain. *Journal of Sedimentary Petrology* 42(3):646-666.

-----

General Keyword: GEOS

KW: heavy minerals, distribution, sediments, coastal plain, Quaternary

Document Location: LSM

**Haines, E. B. 1975.**

Nutrient inputs to the coastal zone: The Georgia and South Carolina shelf, pp. 303-324. *in*: Crown, L.E. (ed.), *Estuarine Research, Volume I*. Academic Press, New York, NY.

-----

General Keyword: GEOS

KW: outwelling, nutrients, salt marshes, estuaries, processes

Document Location: LSM

**Haley, D. 1977.**

Let's help the Atlantic loggerhead. *National Parks and Conservation Magazine* February, 1977:12-15.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, nesting, protection, management

Document Location: CCES

**Harrar, E. S., and Harrar, J. G. 1962.**

Guide to southern trees. Dover Publications, Inc., New York, NY. 707 pp.

-----

General Keyword: VEGT

KW: field guide, trees, distribution, ecology, habitat

Document Location: CUIS

**Harris, C. D. 1974.**

Observations on the white shrimp (*Penaeus setiferous*). Georgia Department of Natural Resources, Game and Fish Division, Coastal Fisheries Office, Athens, GA. 54 pp.

-----

General Keyword: INVRT

KW: crustaceans, white shrimp, *Penaeus*, growth, reproduction

Document Location: CUIS

**Harris, E. B. 1984.**

Possible extirpated mammals and reptiles of Cumberland Island, Georgia: A survey of five species being considered for reintroduction. CPSU Technical Report No. 9, Institute of Ecology, University of Georgia, Athens, GA. 16 pp.

-----

General Keyword: MANL

KW: mammals, reptiles, extirpation, historical acct, inventory

Document Location: CCES

**Hayden, B. P., and Dolan, R. 1979.**

Barrier islands, lagoons, and marshes. *Journal of Sedimentary Petrology* 49(4): 1061-1072.

-----

General Keyword: CGEO

KW: barrier islands, lagoons, marshes, processes, geomorphology

Document Location: CCES

**Hellmich, J., King, J., and Zierden, M. 1981.**

Analysis of prehistoric and historic ceramics and bottles. U.S. Department of Interior, National Park Service, Southeast Archeological Center, Tallahassee, FL. 112 pp.

-----

General Keyword: CUHI

KW: archeology, artifacts, historic res, cultural res, management

Document Location: CUIS

**Henderson, D. G. 1977a.**

Architectural Data Section, Historic Structure Report: Boat Captain's house and cistern, Dungeness Historic District, Cumberland Island National Seashore, Camden County, Georgia. U.S. Department of Interior, National Park Service, Denver Service Center, Historic Preservation Division, Denver, CO. 2 pp.

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General Keyword: CUHI

KW: historic sites, Dungeness, historic res, architecture, management

Document Location: SERO

**Henderson, D. G. 1977b.**

Architectural Data Section, Historic Structure Report: Plum Orchard carriage house. Unpublished, available at U.S. Department of Interior, National Park Service, Office of the Director of Cultural Resources, Washington, DC. 57 pp.

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General Keyword: CUHI

KW: Plum Orchard, structures, historic sites, historic res, cultural res

Document Location: NPSDC

**Henderson, D. G. 1977c.**

Architectural Data Section, Historic Structure Report: Plum Orchard Mansion, Plum Orchard Historic District, Cumberland Island National Seashore, Camden County, Georgia. U.S. Department of Interior, National Park Service, Denver Service Center, Historic Preservation Division, Denver, CO. 122 pp.

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General Keyword: CUHI

KW: historic sites, Plum Orchard, historic res, architecture, management

Document Location: CUIS

**Henderson, D. G. 1977d.**

Architectural Data Section, Historic Structure Report: Recreation/Guest House, Dungeness Historic District, Cumberland Island National Seashore, Camden County, Georgia. U.S. Department of Interior, National Park Service, Denver Service Center, Historic Preservation Division, Denver, CO. 69 pp.

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General Keyword: CUHI

KW: historic sites, Dungeness, historic res, architecture, management

Document Location: SERO

**Henderson, D. G. 1977e.**

Architectural Data Section, Historic Structure Report: Tabby House, Dungeness Historic District. Unpublished, available at U.S. Department of Interior, National Park Service, Office of the Director of Cultural Resources, Washington, DC. 70 pp.

-----

General Keyword: CUHI

KW: Dungeness, Tabby House, architecture, historic sites, cultural res

Document Location: NPSDC

**Henry, V. J. Jr., Giles, R. T., Woolsey, J. R., and Nash, G. 1973.**

The geological inventory of Cumberland Island National Seashore, Everglades National Park, Gulf Islands National Seashore, and Biscayne National Monument. University of Georgia, Marine Institute, Sapelo Island, GA, and Skidaway Institute of Oceanography, Savannah, GA. 10 pp.

-----

General Keyword: GEOS

KW: geology, history, inventory, stratigraphy, soils

Document Location: SERO

**Henry, V. J. Jr., Giles, R. T., Woolsey, J. R., and Nash, G. 1975.**

Geological history of Cumberland Island, pp. 23-31. in: Hillestad, H.O. et al. (eds.), The ecology of Cumberland Island National Seashore, Camden County, Georgia. Technical Report Series No. 75-5, Georgia Marine Science Center, University System of Georgia, Skidaway Island, GA.

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General Keyword: GEOS

KW: geology, geol history, natural res, natural history, environ assess

Document Location: CCES

**Henry, V. J. Jr., and Hoyt, J. H. 1968.**

Quaternary paralic and shelf sediments of Georgia. *Southeastern Geology* 9(4): 195-214.

-----

General Keyword: GEOS

KW: geology, Quaternary, sediments, origins, sedimentology

Document Location: UGASCI

**Herndon, Jennifer G.**

The Hydrogeology of Southern Cumberland Island, Georgia. A Thesis for partial fulfillment of Requirements for the Degree of Master of Science. Georgia State University, Atlanta, Ga. 1990.

A hydrogeologic investigation of southern Cumberland Island was conducted to determine the effect of channel dredging on the groundwater quality in the Pliocene- Miocene aquifer.

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KW: hydrogeology, ground-water, Pliocene sediments, Miocene sediments



**Herndon, Jennifer G., and Cofer-Shabica, Stephen V.**

Potential for Seawater Encroachment near Cumberland Island, Ga. Physical Aspects of Dredging Kings Bay, Georgia/Coastal Zone '91 Conference-ASCE Long Beach, CA/July 1991.

A hydrogeologic investigation of southern Cumberland Island was conducted to determine the effect of channel dredging on the ground-water quality in an aquifer consisting of Pliocene to Miocene sediments.

-----  
KW: hydrogeology, ground-water, Pliocene sediments, Miocene sediments

**Herrick, S. M. 1965.**

A subsurface study of Pleistocene deposits in Georgia. Information Circular No. 31, Georgia Geologic Survey, Atlanta, GA. 8 pp.

-----  
General Keyword: GEOS

KW: coastal plain, geology, sediments, deposition, Pleistocene

Document Location: GAGS

**Herrick, S. M., and Vorhis, R. C. 1963.**

Subsurface geology of the Georgia coastal plain. Information Circular No. 25, Georgia Geologic Survey, Atlanta, GA. 78 pp.

-----  
General Keyword: GEOS

KW: coastal plain, geology, stratigraphy, geol history, sedimentation

Document Location: GAGS

**Hill, P. P. 1980.**

"A masked acquisition" - French designs on Cumberland Island, 1793-95. Georgia Historical Quarterly 64(3):306-316.

-----  
General Keyword: CUHI

KW: French, Colonial Period, land-use, ownership, historical acct

Document Location: UGAMN

**Hill, P. G. 1975.**

Summary of marine activities of the coastal plains region. Coastal Plains Center for Marine Development Sevices, Wilmington, NC. 73 pp.

-----  
General Keyword: MANL

KW: research, development, land-use, natural res, management

Document Location: CALO

**Hillestad, H. O., Bozeman, J. R. Jr., Johnson, A. S., Berisford, C. W., and Richardson, J. I. 1975.**

The ecology of Cumberland Island National Seashore, Camden County, Georgia. Technical Report Series No. 75-5, Georgia Marine Science Center, Skidaway Island, GA. 299 pp.

-----  
General Keyword: MANL

KW: ecology, natural res, land-use, environ impacts, management

Document Location: CUIS

**Hillestad, H. O., Richardson, J. I., and Williamson, G. K. 1979.**


Incidental capture of sea turtles by shrimp trawlers in Georgia. 32nd Annual Conference, Southeastern Association of Fish and Wildlife Agencies, Hot Springs, Virginia, 5-8 November 1978, and National Marine Fisheries Service Contribution No. 03-7-042-34129, U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Washington DC.

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General Keyword: RPTAM

KW: sea turtles, disturbance, environ impacts, endangered sp, fisheries

Document Location: NOAA

 **Hood, S. C. N.A.**

"The St. Marys: A river of turmoil." Unpublished Thesis, available from U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA.

-----

General Keyword: CUHI

KW: St. Marys, natural history, historical acct, historic res, cultural res

Document Location: CUIS

**Howard, J. D., DePratter, C. B., and Frey, R. W. (ed.) 1980.**

Excursions in southeastern geology: The archeology-geology of the Georgia coast. Guidebook 20, Georgia Geologic Survey, Atlanta, GA.

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General Keyword: MANL

KW: geology, archeology, prehistory, coastal plain, survey

Document Location: GAGS

**Hoyt, J. H. 1974.**

Pleistocene stratigraphy of southeastern Georgia, pp. 191-205. in: Oaks, R.Q. (ed.), Post-Miocene Stratigraphy: Central and Southern Atlantic Coastal Plain. Utah State University Press, Logan, UT.

-----

General Keyword: GEOS

KW: Pleistocene, stratigraphy, geology, coastal plain, deposition

Document Location: BIBL

**Hoyt, J. H., and Hails, J. R. 1967.**

Pleistocene shoreline sediments in coastal Georgia: Deposition and modification. Science 155(3769):1541-1543.

-----

General Keyword: GEOS

KW: geology, Pleistocene, shoreline, sea level, sediments

Document Location: UGACPS

**Hoyt, J. H., and Henry, V. J. Jr. 1963.**

Barrier island sedimentation, coastal Georgia. Special Paper 73, Geological Society of America. 300 pp.

-----

General Keyword: CGEO

KW: barrier islands, sedimentation, grain size, tidal inlets, geol history

Document Location: BIBL

**Hoyt, J. H., and Henry, V. J. Jr. 1965.**

Significance of inlet sedimentation in the recognition of ancient barrier islands, pp. 190-194. in: Sedimentation of late Cretaceous and Tertiary outcrops, Rock Springs Uplift. Nineteenth Field Conference, Wyoming Geological Association Guidebook.

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General Keyword: CGEO

KW: inlets, sedimentation, longshore trans, barrier islands, migration

Document Location: CUIS

**Hoyt, J. H., Weimer, R. J., and Henry, V. J. Jr. 1968.**

Age of late Pleistocene shoreline deposits, coastal Georgia, pp. 381-393. in: Morrison, R.B. and Wright, H.E. Jr. (eds.), Means of Correlation of Quaternary Succession, Volume 8. University of Utah Press, Salt Lake City, UT.

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General Keyword: GEOS

KW: Pleistocene, shoreline, deposition, sediments, coastal plain

Document Location: BIBL

**Hubbard, D. K. 1977.**

Variations in tidal inlet processes and morphology in the Georgia embayment. Technical Report No. 14-CRD, Coastal Research Division, University of South Carolina, Columbia, SC.

-----

General Keyword: CGEO

KW: tidal inlets, morphology, processes, changes, sediment trans

Document Location: USC

**Hubbard, D. K., Oertel, G. F., and Nummedal, D. 1979.**

The role of waves and tidal currents in the development of tidal-inlet sedimentary structures and body geometry: Examples from North Carolina, South Carolina and Georgia. *Journal of Sedimentary Petrology* 49(4):1073-1091.

-----

General Keyword: CGEO

KW: inlets, sedimentation, waves, tides, processes

Document Location: LSM

**Ike, A. F., and Richardson, J. I. 1974.**

Cumberland Island National Seashore study - carrying capacity. Institute of Community and Area Development, University of Georgia, Athens, GA, and The Conservation Foundation, Washington, DC. 41 pp.

-----

General Keyword: MANL

KW: development, land-use, recreation, visitor use, environ impacts

Document Location: NPSDSC

**Ike, A. F., and Richardson, J. I. 1975b.**

The ecology of Cumberland Island National Seashore. The Conservation Foundation, Washington, DC.

-----

General Keyword: MANL

KW: ecology, wildlife, beach dynamics, natural history, vegetation

Document Location: N.A.

**Ike, A. F., and Richardson, J. I. 1975a.**

Estimating the carrying capacity for Cumberland Island National Seashore.  
Institute of Community and Area Development, University of Georgia, Athens, GA.  
40 pp.

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General Keyword: MANL

KW: park use, recreation, economics, environ impacts, planning

Document Location: UGAMN

**Jacobson, J. P. 1974.**

A socio-economic environmental baseline summary for the South Atlantic region between Cape Hatteras, North Carolina and Cape Canaveral, Florida. Volume I: Oceanography. U.S. Department of Interior, Bureau of Land Management, Washington, DC. 247 pp.

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General Keyword: GEOS

KW: oceanography, phys parameters, currents, waves, storms

Document Location: CCES

**Jarrett, J. T. 1976.**

Tidal prism-inlet area relationships. GITI Report No. 3, U.S. Army Corps of Engineers, Coastal Engineering Research Center, Fort Belvoir, VA.

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General Keyword: CGEO

KW: inlets, tidal prism, hydraulics, stats analysis, management

Document Location: CCES

**Jedlicka, D. 1981.**

A demographic study of the coastal counties of Georgia 1790-1980. Unpublished manuscript, Technical Report Series No. 81-3, Georgia Marine Science Center, University System of Georgia, Skidaway Island, GA. 65 pp.

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General Keyword: MANL

KW: barrier islands, salt marshes, pollution, land-use, demography

Document Location: UGASCI

**Jenks, B., Sorensen, J., and Breadon, J. 1978.**

Coastal zone bibliography: Citations to documents on planning, resources management, and impact assessment. 2nd Edition. Sea Grant Publication No. 49, Institute of Marine Resources, University of California, La Jolla, CA. 173 pp.

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General Keyword: BIBL

KW: CZM, barrier islands, EIS, management, natural res

Document Location: GUIISFL

**Johnson, A. S., Hillestad, H. O., .Shanholtzer, S. F., and**

**Shanholtzer, G. F. 1974.**

An ecological survey of the coastal region of Georgia. National Park Service Scientific Monograph Series No. 3: i-xv, U.S. Department of Interior, National Park Service, Washington, DC. 233 pp.

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General Keyword: MANL

KW: barrier islands, ecology, geomorphology, human impacts, natural history

Document Location: MANN

**Johnson, G. G. 1930.**

A social history of the Sea Islands. University of North Carolina Press, Chapel Hill, NC. 245 pp.

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General Keyword: CUHI

KW: historical acct, Golden Isles, socioeconomics, historic res, cultural res

Document Location: UNC

**Johnson, R. E. 1978.**

Archaeological excavations of 9 CAM 167 and 9 CAM 173 at Kings Bay, Camden County, Georgia. Unpublished manuscript on file, Department of Anthropology, University of Florida, Gainesville, FL.

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General Keyword: CUHI

KW: archeology, Kings Bay, excavation, cultural res, historic res

Document Location: UFL

**Johnston, D. W. 1949.**

Surf Scoter records from Georgia. Auk 66(1):81.

-----

General Keyword: BIRDS

KW: Surf Scoters, sighting, distribution, vagrants, occasionals

Document Location: LSM

**Jones, A. W. 1967.**

Glossy Ibis and Black-necked Stilt on Cumberland Island. Oriole 32(2):25.

-----

General Keyword: BIRDS

KW: Glossy Ibis, Bl-necked Stilt, ecology, distribution, behavior

Document Location: LSM

**Jones, C. C. Jr. 1878.**

The dead towns of Georgia, p. 97. in: Collections of the Georgia Historical Society, Volume IV. Georgia Historical Society, Savannah, GA.

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General Keyword: CUHI

KW: settlement, history, demography, popul dynamics, historical acct

Document Location: BIBL

**Jones, C. C. Jr. 1870.**

Reminiscences of the last days, death and burial of General Henry Lee. Southern Review 9(19).

-----

General Keyword: CUHI

KW: Lee, Gen Henry, historical acct, folklore, legends, cultural res

Document Location: BIBL

**Jones, C. C. Jr., and Munsell, J. 1861.**

Reminiscences of the last days, death and burial of General Henry Lee. Available at U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 9 pp.

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General Keyword: CUHI

KW: Lee, Gen Henry, Dungeness, historical acct, cultural res, historic res

Document Location: CUIS

**Jones, Edmunds and Associates, Inc. 1983.**

Annual environmental monitoring study for Naval Submarine Base, Kings Bay, Georgia. 1981-1982 Final Report. U.S. Department of Navy, Office in Charge of Construction, Trident Missile Base, Kings Bay, GA.

-----

General Keyword: MANL

KW: Kings Bay, biology, water quality, monitoring, environ assesss

Document Location: CAMCO

**Jordan, H. B. 1982.**

Epidemiology of haemogregarines in snakes on Cumberland Island. Journal of Protozoology 29(2):290.

-----

General Keyword: RPTAM

KW: snakes, parasites, life history, models, disease

Document Location: LSM

**Jordan, H. B., and Friend, M. B. 1971.**

The occurrence of *Schellackia* and *Plasmodium* in two Georgia lizards. Journal of Protozoology 18(3):485-487.

-----

General Keyword: RPTAM

KW: lizards, parasites, *Schellackia*, *Plasmodium*, vectors

Document Location: CUIS

**Jordan, H. B., and Ruckdeschel, C. A. 1982a.**

Observations on the Cumberland Island fire of 16 July-24 August, 1981, and subsequent recovery. Unpublished, U.S. Department of Interior, National Park Service, Southeast Regional Office, Atlanta, GA. 103 pp.

-----

General Keyword: VEGT

KW: wildfires, fire ecology, succession, fire history, management

Document Location: CUIS

**Jordan, H. B., and Ruckdeschel, C. A. 1982b.**

Series of photographs from each of the plant communities involved in the 1981 fire, Cumberland Island, Camden County, Georgia, August 1981 - August 1982. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 113 pp.

-----

General Keyword: VEGT

KW: wildfires, fire history, fire ecology, succession, photographs

Document Location: CUIS

**Joslyn, D. L.**

Literature review and evaluation of mosquito pesticides for use in Atlantic and Gulf Coastal National Parks. National Park Service Cooperative Research Unit, Center for Coastal and Environmental Studies, Rutgers University, New Brunswick, NJ. 32 pp.

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Document Location: mosquitoes, pesticides, IPM, environ impacts, management

**Kaye, C. A. 1962.**

Shore erosion study of the coasts of Georgia and north-west Florida. USGS Open File No. 662, U.S. Geological Survey, Washington, DC. 74 pp.

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General Keyword: CGEO

KW: barrier islands, beach dynamics, processes, erosion, accretion

Document Location: NCSU

**Keeler, R., and Reimold, R. J. 1977.**

Georgia's coastal zone: An inventory of photographic and satellite coverage, 1945-1977. Unpublished, Technical Report Series No. 77-5, Georgia Marine Science Center, University System of Georgia, Skidaway Island, GA.

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General Keyword: MANL

KW: CZM, aerial photog, mapping, accretion, erosion

Document Location: CUIS

**Keeling, W. B. 1968.**

Cumberland Island as a National Seashore...the economic impact of a proposed development. Georgia Business 27(10):1-20. Graduate School of Business Administration, University of Georgia, Athens, GA.

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General Keyword: MANL

KW: economics, tourism, development, land-use, recreation

Document Location: SERO

**Keeling, W. B., Clement, C. D., Hein, P. W., and Beck, D. J. 1968.**

Economic impact of the proposed Cumberland Island National Seashore. Bureau of Business and Economic Research, Graduate School of Business Administration, University of Georgia, Athens, GA, in cooperation with Georgia State Planning Bureau, Atlanta, GA. 84 pp.

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General Keyword: MANL

KW: tourism, recreation, land-use, economics, development

Document Location: SERO

**Kirkland, Z. 1979.**

Fire management plan - Cumberland Island National Seashore. U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 22 pp.

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General Keyword: MANL

KW: wildfires, fire history, fire ecology, planning, protection

Document Location: CUIS

**Kirkland, Z. 1978.**

Hurricane plan, Cumberland Island National Seashore. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 11 pp.

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General Keyword: MANL

KW: hurricanes, planning, evacuation, wind, protection

Document Location: CUIS

**Kirkland, Z., and Hooker, D. 1983.**

Cumberland Island National Seashore - statement for interpretation.  
 Unpublished, U.S. Department of Interior, National Park Service, Cumberland  
 Island National Seashore, St. Marys, GA. 50 pp.

-----

General Keyword: MANL

KW: interpretation, visitor use, recreation, land-use, environ impacts

Document Location: CUIS

**● Knight, L. L. 1913.**

Georgia's landmarks, memorials, and legends. 2 Volumes. Byrd Printing Company,  
 Atlanta, GA.

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General Keyword: CUHI

KW: historic sites, architecture, legends, historical acct, cultural res

Document Location: BIBL

**▼ Kolb, L., and Girard, T. 1977.**

Cumberland: The end of a fairytale. National Parks and Conservation Magazine,  
 February, 1977:8-11.

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General Keyword: MANL

KW: natural res, cultural res, historic res, protection, management

Document Location: LSM

**Kontos, A. R. 1983.**

1983 *Caretta caretta* report: Cumberland Island, Georgia. Unpublished,  
 available at Institute of Ecology, University of Georgia, Athens, GA. 38 pp.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, nesting, survey, reproduction

Document Location: UGACPS

**Kozel, Thomas R.**

Interdunal Pond Water Quality and Fish Fauna. Biological and Physical Aspects  
 of Dredging Kings Bay, Georgia/Coastal Zone '91 Conference-ASCE Long Beach, Ca/  
 July 1991, pp 75-87.

The surface water quality and fish faunal composition of three interdunal  
 ponds on Cumberland Island National Seashore, Cumberland Island, Georgia, were  
 sampled from 14 April 1988 through 26 May 1990. The study was begun to  
 determine whether recent dredging of the sound affected the linkage between  
 groundwater, the confined aquifer and water in the ponds.

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KW: surface water, groundwater, aquifer, water quality

**Kraemer, J. E. 1976.**

Variation in incubation of loggerhead sea turtle, *Caretta caretta*, clutches on  
 the Georgia coast. Unpublished Master's Thesis, University of Georgia, Athens,  
 GA.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, reproduction, nesting, distribution

Document Location: UGASCI



**Kraemer, J. E. 1979.**

Variation in incubation length of loggerhead sea turtle, *Caretta caretta*, clutches on the Georgia coast. Association of Southeastern Biologists Bulletin 26:35.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, incubation, morphology, popul dynamics

Document Location: PANS

**Kraemer, J. E., and Bell, R. 1980.**

Rain-induced mortality of eggs and hatchlings of loggerhead sea turtles (*Caretta caretta*) on the Georgia coast. Herpetologica 36(1):72-78.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, nesting, mortality, ecology

Document Location: LSM

**Kraemer, J. E., and Bennett, S. H. 1981.**

Utilization of post-hatching yolk in loggerhead sea turtles, *Caretta caretta*. Copeia 1981(2):406-411.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, hatching, embryology, development

Document Location: LSM

**Kraemer, J. E., and Richardson, J. I. 1979.**

Volumetric reduction in nest contents of loggerhead sea turtles (*Caretta caretta*) (Reptilia: Testudines: Cheloniidae) on the Georgia coast. Journal of Herpetology 13(3):255-260.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, hatching, embryology, temperature

Document Location: LSM

**Krause, R. E., and Gregg, D. O. 1972.**

Water from the principal artesian aquifer in coastal Georgia. Hydrologic Atlas No.1, Georgia Geologic Survey, Atlanta, GA.

-----

General Keyword: GEOS

KW: aquifers, atlas, groundwater, hydrology, natural res

Document Location: GAGS

**Krause, R. E., and Hayes, L. R. 1981.**

Potentiometric surface of the principal artesian aquifer in Georgia, May 1980. Hydrologic Atlas No. 6, Georgia Geologic Survey, Atlanta, GA.

-----

General Keyword: GEOS

KW: aquifers, atlas, hydrology, groundwater, natural res

Document Location: GAGS

**Krause, Richard E., and Randolph, Robert B.**

Hydrology of the Floridan Aquifer System in Southeast Georgia and Adjacent Parts of Florida and South Carolina. Regional Aquifer-system analysis-Floridan Aquifer System, U.S. Geological Survey Professional Paper 1403-D. 1989.

The objectives of this study are 1) to describe the ground-water system as it exists today and as it existed before development, 2) to analyze changes between present and predevelopment systems, 3) to integrate the results of previous studies dealing with local areas or discrete aspects of the system, 4) to provide some capability for evaluating the effects (particularly the hydraulic effects) that future groundwater development will have on the system.

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General Keyword: GEOS

**Kuroda, R., and Marland, F. C. N.A.**

Physical and chemical properties of the coastal waters of Georgia. Unpublished, Georgia Institute of Technology, Environmental Resources Center, Atlanta, GA.

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General Keyword: GEOS

KW: hydrography, phys parameters, coastal waters, water quality, water chemistry

Document Location: BIBL

**Laerm, J. 1981.**

Systematic status of the Cumberland Island pocket gopher, *Geomys cumberlandius*. *Brimleyana* (6):141-151.

-----

General Keyword: MAMM

KW: pocket gopher, *Geomys*, taxonomy, ecology, popul dynamics

Document Location: DUKE

**Lang, B. F., and Bryan, M. G. N.A.**

Camden County genealogical records consisting of Bible records, cemetery records, family charts, etc. Unpublished, Historical Committee, Camden County, and Department of Archives and History, Atlanta, GA. 12 pp.

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General Keyword: CUHI

KW: genealogy, history, historical acct, historic res, cultural res

Document Location: CUIS

**LaRoe, E. T. 1973.**

Effects of dredging, filling, and channelization on estuarine resources, pp. 134-144. in: Proceedings, Fish and Wildlife Values of the Estuarine Habitat, a Seminar for the Petroleum Industry. U.S. Department of Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Atlanta, GA.

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General Keyword: ESTE

KW: channelization, dredging, natural res, environ impacts, management

Document Location: FWS

**Larson, L. H. Jr. 1958.**

Cultural relationships between the northern St. John's area and the Georgia coast. *The Florida Anthropologist* 11:11-22.

-----

General Keyword: CUHI

KW: anthropology, Am Indians, cultural res, language, settlement

Document Location: SERO

**Lauritsen, Diane D.**

Dredging Effects on the Hard Clam *Mercenaria mercenaria* in Cumberland Sound, Georgia. Biological and Physical Aspects of Dredging Kings Bay, Georgia/Coastal Zone '91 Conference-ASCE Long Beach, CA. July 1991, pp 18 - 31

The recent expansion of U.S. Navy facilities at Kings Bay, Georgia, included dredging of the ship channel in Cumberland Sound to a depth of 51 feet. Because marine benthic infauna serve as useful monitors of environmental conditions, this study was developed to determine whether the dredging had a measurable impact on the hard clam population of Cumberland Sound.

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KW: benthic infauna, *Mercenaria mercenaria*

**Leatherman, S. P., Godfrey, P. J., and Buckley, P. A. 1978.**

Management strategies for National Seashores, pp. 322-337. in: Coastal Zone '78, Volume I. American Society of Civil Engineers, New York, NY.

-----

General Keyword: MANL

KW: CZM, natural res, cultural res, recreation, park use

Document Location: CCES

**Lee, C., Tomkins, I. R., Mellinger, E. O., and Mellinger, Mrs E. O. 1963.**

Plant list of Little Cumberland Island, Camden County, GA. Unpublished manuscript, available at U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 8 pp.

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General Keyword: VEGT

KW: flora, habitat, species list, distribution, ecology

Document Location: CUIS

**Lenarz, M. S. 1982.**

Habitat partitioning in feral horses: The value of being dominant. Unpublished Ph.D. Dissertation, University of Georgia, Athens, GA. 69 pp.

-----

General Keyword: MAMM

KW: feral horses, habitat, diet, competition, ecology

Document Location: UGACPS

**Lenarz, M. S. 1985.**

Lack of diet segregation between sexes and age groups in feral horses. Canadian Journal of Zoology 63:2583-2585.

-----

General Keyword: MAMM

KW: feral horses, diet, habitat, competition, ecology

Document Location: UGACPS

**Lenarz, M. S. 1983.**

Population size, movements, habitat preferences, and diet of the feral horses of Cumberland Island National Seashore. NPS-CPSU Technical Report No. 3, Institute of Ecology, University of Georgia, Athens, GA. 58 pp.

The current population included a minimum of 144 individuals and was divided into 24 family groups and 3 bachelor groups which were dispersed along the mainland side on the island. The population was increasing at a minimum of five percent per year. The horses tended to use habitats according to what season it was.

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General Keyword: MAMM

KW: feral horses, distribution, feeding, habitat, popul dynamics

Document Location: CALO

**Lieske, Scott, Hoeldtke, Jonathan E., and Bratton, Susan P. April 1990.**

Live Oak Regrowth Monitoring Data Base, Cumberland Island National Seashore, Georgia, CPSU Technical Report No. 57, Institute of Ecology, University of Georgia, Athens, GA.

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**Limpus, C. J. 1979.**

Notes on growth rates of wild turtles. Marine Turtle Newsletter 10:3-5.

-----

General Keyword: RPTAM

KW: sea turtles, growth, popul dynamics, ecology, life history

Document Location: AMNH

**Linthurst, R. A., and Reimold, R. J. 1973.**

Existing aerial photographic resources of coastal Georgia and a brief listing of interpretive aids. Sea Grant Program, University of Georgia, Athens, GA. 43 pp.

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General Keyword: MANL

KW: coastal zone, mapping, aerial photog, remote sensing, interpretation

Document Location: UGASCI

**Longwater, M., and McAfee, J. 1978.**

Sea turtle tagging project - report of the *Caretta caretta* tagging project on the north end of Cumberland Island, Camden County, Georgia. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 20 pp.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, tagging, survey, endangered sp

Document Location: CUIS

 **Lovell, C. C. 1932.**

The Golden Isles of Georgia. Little, Brown, and Company, Boston, MA. 276 pp.

-----

General Keyword: CUHI

KW: anthropology, history, land-use, settlements, historical acct

Document Location: CUIS

**Lund, F. 1974.**

Marine turtle nesting in the United States. Report to the U.S. Department of Interior, Fish and Wildlife Service, Washington, DC. 39 pp.

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General Keyword: RPTAM

KW: sea turtles, nesting, endangered sp, survey, distribution

Document Location: FWS

**MacNeil, F. S. 1950.**

Pleistocene shorelines in Florida and Georgia. USGS Professional Paper 221-F, U.S. Geological Survey, Washington, DC.

-----

General Keyword: CGEO

KW: shoreline, Pleistocene, sea level, barrier islands, distribution

Document Location: LSM

**Maney, D. S., Marland, F. C., and West, C. B. (eds.) 1968.**

Conference on the future of the marshlands and Sea Islands of Georgia. Georgia Natural Areas Council, and Coastal Area Planning and Development Commission, Sea Island, GA. 128 pp.

-----

General Keyword: MANL

KW: land-use, planning, marshes, barrier islands, environ impacts

Document Location: CALO

**Manzi, J. J., and Reimold, R. J. 1978.**

User-oriented conceptual modeling in the ecological characterization of the Sea Islands and coastal plain of South Carolina and Georgia, pp. 19-31. in: Johnston, J.B. (ed.), Contributed Papers on Coastal Ecological Characterization Studies. FWS/OBS-77/37, U.S. Department of Interior, Fish and Wildlife Service, Biological Services Program, National Coastal Ecosystems Team, Slidell, LA.

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General Keyword: MANL

KW: ecology, models, coastal process, beach dynamics, barrier islands

Document Location: CAHA

**Marrinan, R. A. 1984.**

Archaeological data recovery NPS CAM 4, Raccoon Keys, Cumberland Island National Seashore, Georgia. U.S. Department of Interior, National Park Service, Southeast Archaeological Center, Tallahassee, FL. 32 pp.

-----

General Keyword: CUHI

KW: Raccoon Keys, archaeology, excavation, cultural res, historic res

Document Location: NPSSAC

**Marrinan, R. A. 1975.**

Ceramics, mollusks and sedentism: The Late Archaic Period on the Georgia coast. Unpublished Ph.D. Dissertation, Department of Anthropology, University of Florida, Gainesville, FL.

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General Keyword: CUHI

KW: archaeology, ceramics, Archaic Period, coastline, cultural res

Document Location: UFL

**McCall, H. 1909.**

The history of Georgia: Containing brief sketches of the most remarkable events up to the present day (1784). Cherokee Publishing Co., Atlanta, GA. (Reprint)

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General Keyword: CUHI

KW: history, historical acct, legends, folklore, cultural res

Document Location: BIBL

**McCollum, J. L. 1975.**

The value and vulnerability of coastal resources, background papers for review and discussion: An overview of coastal Georgia wildlife. Georgia Department of Natural Resources, Office of Planning and Research, Atlanta, GA.

-----

General Keyword: MANL

KW: wildlife, natural res, endangered sp, environ impacts, CZM

Document Location: GADNR

**McCollum, J. L., and Ettman, D. 1977.**

Georgia's protected plants. Georgia Department of Natural Resources, and U.S. Department of Agriculture, Atlanta, GA.

-----

General Keyword: VEGT

KW: endangered sp, rare species, protection, distribution, ecology

Document Location: GADNR

**McCrary, P. L. 1977.**

Resource management plan, Cumberland Island National Seashore, February 3, 1977. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 10 pp.

-----

General Keyword: MANL

KW: natural res, cultural res, land-use, recreation, environ impacts

Document Location: NPSDC

**McLemore, W. H., Swann, C. T., Wigley, P. B., Turlington, M. C., Henry, V. J., Nash, G. H., Martinez, J., Carver, R. E., and Thurmond, J. T. 1981.**

Geology as applied to land-use management on Cumberland Island, Georgia. Project Report No. 12, Georgia Geologic Survey, Atlanta, GA. 400 pp.

Georgia Geologic Survey conducted investigations on Cumberland Island National Seashore to produce data concerning present geologic processes and basic hydrologic and geologic resources. This information has been provided as an aid in land-use planning.

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General Keyword: GEOS

KW: geology, hydrology, processes, land-use, planning

Document Location: NPSDSC

**McMillen 1980.**

A report on the *Caretta caretta* tagging project and nest study on the north end of Cumberland Island, Camden County, Georgia. U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 20 pp.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, tagging, nesting, endangered sp

Document Location: CUIS

**McPherson, G. R. 1988.**

Boundary dynamics on Cumberland Island National Seashore. NPS-CPSU Technical Report No. 49, Institute of Ecology, University of Georgia, Athens, GA. 112 pp.

-----

General Keyword: VEGT

KW: disturbance, wildfires, environ impacts, marshes, maritime forest

Document Location: CCES

**McPherson, Guy R. August 1988.**

Boundary Dynamics on Cumberland Island National Seashore, CPSU Technical Report No. 49

The role of disturbance (fire, grazing) in controlling scrub/forest and marsh/forest boundaries was investigated on Cumberland Island. Methodology included interpreting historical and recent aerial photographs, describing vegetation and soil along boundaries, and a greenhouse bioassay of soil fertility along boundaries.

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KW: boundary, fire, grazing, bioassay, fertility

**Menzies, R. J., and Frankenberg, D. 1966.**

Handbook on the common marine isopod Crustacea of Georgia. University of Georgia Press, Athens, GA. 93 pp.

-----

General Keyword: INVRT

KW: crustaceans, isopods, species list, distribution, ecology

Document Location: UGASCI

**Metzen, W. D. 1978.**

Islands in the sun. National Wildlife 16(1):54-62.

-----

General Keyword: MANL

KW: barrier islands, ownership, land-use, ecology, visitor use

Document Location: BIBL

**Migliarese, J. V. 1979.**

Ecological characterization of the Sea Island coastal region of South Carolina and Georgia. Report No. FWS/OBS-79/44, U.S. Department of Interior, Fish and Wildlife Service, National Coastal Ecosystems Team, Slidell, LA, and Office of Biological Services, Washington, DC.

-----

General Keyword: MANL

KW: barrier islands, ecology, coastline, survey, environ assess

Document Location: CUIS

**Milanich, J. T. 1971a.**

Conclusions from the excavations of two Transitional - Depford sites on Cumberland Island, Georgia, pp. 55-63. *in*: Bulletin 13, Southeastern Archaeological Conference, Morgantown, WV.

-----  
General Keyword: CUHI

KW: archaeology, Depford Period, Transitional P, excavation, cultural res

Document Location: BIBL

**Milanich, J. T. 1973.**

A Depford Phase house structure on Cumberland Island, Georgia. *Florida Anthropologist* 26(3):105-118.

-----  
General Keyword: CUHI

KW: structures, Depford Period, archaeology, cultural res, historic res

Document Location: ALEX

**Milanich, J. T. 1971b.**

Surface information from the presumed site of San Pedro de Mocamo Mission, pp. 114-119. *in*: South, S. (ed.) *The Conference on Historic Site Archaeology Papers, Volume 5, Parts 1 & 2.*

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General Keyword: CUHI

KW: historic sites, Am Indians, archeology, middens, artifacts

Document Location: SERO

**Milanich, J. T. 1972.**

Tacatacuru and the San Pedro de Mocamo Mission. *Florida Historical Quarterly* 50(3):283-291.

-----  
General Keyword: CUHI

KW: archaeology, anthropology, Am Indians, historic res, cultural res

Document Location: SERO

**Milanich, J. T., and Proctor, S. (eds.) 1978.**

Tacachale: Essays on the Indians of Florida and southeastern Georgia during the historic period. The University of Florida Presses, Gainesville, FL.

-----  
General Keyword: CUHI

KW: Am Indians, coastal plain, archaeology, cultural res, historic res

Document Location: UFL

**Miller, James A.**

Hydrogeologic Framework of the Floridan Aquifer System in Florida and in Parts of Georgia, Alabama, and South Carolina. Regional Aquifer-system Analysis, U.S. Geological Survey Professional Paper 1403-B.

The Floridan aquifer system of the Southeastern United States is comprised of a thick sequence of carbonate rocks that are mostly of Paleocene to early Miocene age. The aquifer system consists of a single vertically continuous permeable unit updip and of two major permeable zones. Neither the boundaries of the aquifer system or of its component high- and low-permeability zones necessarily conform to either formation boundaries or time- stratigraphic breaks.

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KW: aquifer, permeable, stratigraphy



**Miller, M. 1981c.**

The Cumberland Route: Steamboating at the turn of the century. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 17 pp.

-----

General Keyword: CUHI

KW: boating, steamboats, historical acct, recreation, cultural res

Document Location: CUIS

**Miller, M. 1981a.**

Entertainment at the Cumberland Island Hotel, early 1900. One of a number of sketches of the north end of Cumberland Island. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 15 pp.

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General Keyword: CUHI

KW: historic sites, recreation, historical acct, historic res, cultural res

Document Location: CUIS

**Miller, M. 1981b.**

Growing up on Cumberland Island. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 19 pp.

-----

General Keyword: CUHI

KW: history, historical acct, folklore, historic sites, cultural res

Document Location: CUIS

**Miller, S. K. 1988.**

Reproductive biology of white-tailed deer on Cumberland Island, Georgia. Unpublished M.S. Thesis, School of Forest Resources, University of Georgia, Athens, GA. 57 pp.

The reproductive biology of a deer population is used to formulate proper harvest management guidelines. Female reproductive parameters such as ovulation rates, productivity, fetal sex ratios, and conception dates are researched. In addition, male reproductive characteristics such as the timing of the antler cycle and spermatozoa production are used to find the synchrony of the breeding cycles between males and females.

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General Keyword: MAMM

KW: deer, reproduction, biology, popul dynamics, ecology

Document Location: CCES

**Miller, Susan King January 1989.**

Reproductive Biology of White-tailed Deer on Cumberland Island, Georgia. CPSU Technical Report No. 52, Institute of Ecology, University of Georgia, Athens, Ga.

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**Moore, C. B. 1897.**

Certain aboriginal mounds of the Georgia coast. Journal of the Academy of Natural Sciences of Philadelphia 11:9-11.

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General Keyword: CUHI

KW: archaeology, cultural res, historic sites, Am Indians, historic res

Document Location: PANS

**Morrow, E. (compiler) 1984.**

Publications of the Georgia Geologic Survey, Circular 1, 18th edition. Georgia Geological Survey, Georgia Department of Natural Resources, Atlanta, GA. 25 pp.

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General Keyword: BIBL

KW: geology, soils, natural res, hydrology, inventory

Document Location: CCES

**Mrosovsky, N., Hopkins-Murphy, S. R., and Richardson, J. I. 1984.**

Sex ratio of sea turtles: Seasonal changes. Science 225(4663):739-741.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, sex ratio, seasonality, temperature

Document Location: LSM

**Mrosovsky, N., and Yntema, C. L. 1980.**

Temperature dependence of sexual differentiation in sea turtles: Implications for conservation practices. Biological Conservation 18:271-280.

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General Keyword: RPTAM

KW: sea turtles, temperature, sex ratio, popul dynamics, conservation

Document Location: LSM

**Nakashima, L. D., Cofer-Shabica, S., Day, J. W., Knaus, R., Delaune, R., Reed, D., Kemp G.P., and Owens, E. H.**

Marsh/Mudflat Sedimentation, Cumberland Island, GA. Biological and Physical Aspects of Dredging Kings Bay, Georgia/Coastal Zone '91 Conference-ASCE Long Beach, CA/July 1991, pp 43-57.

This project was designed to determine whether backbarrier dredging for the Kings Bay Naval Base is affecting marsh habitat sustainability on Cumberland Island. Research was based on the hypothesis that if this operation is indeed exerting an influence on Cumberland Island, it will most likely be perceived first in the effect it has on the rates of supply and delivery of sediments to the marshes and mudflats.

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KW: marsh, sustainability, sediments, mudflats

**Nash, G. J. 1977.**

Historical changes in the mean high water shoreline and nearshore bathymetry of south Georgia and north Florida. Unpublished M.S. Thesis, Geology Department, University of Georgia, Athens, GA. 149 pp.

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General Keyword: CGEO

KW: sea level, history, shoreline, processes, bathymetry

Document Location: UGASCI

**National Academy of Sciences 1973.**

Background Papers for a Workshop on Inputs, Fates, and Effects of Petroleum in the Marine Environment, Airlie, Virginia, May 21-25, 1974. 2 Volumes. National Academy of Sciences, Washington, DC. 824 pp.

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General Keyword: MANL

KW: oil, marine environ, environ impacts, damage, natural res

Document Location: BIBL

**National Park Foundation. 1978.**

National Park Foundation - The Annual Report - 1977: The First Decade 1968-1977. National Park Foundation, Washington, DC. 42 pp.

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General Keyword: MANL

KW: land-use, planning, visitor use, recreation, environ impacts

Document Location: CUIS

**National Space Technology Laboratories. 1978.**

Research perspectives - 1978 for Southeast Region. U.S. Department of Interior, Fish and Wildlife Service, Coastal Field Research Laboratory, NSTL Station, MS. 30 pp.

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General Keyword: MANL

KW: research, barrier islands, geomorphology, processes, planning

Document Location: CUIS

**Naval Facilities Engineering Command. 1977.**

Draft environmental impact statement for preferred alternative location for a fleet ballistic missile submarine support base, Kings Bay, Georgia. U.S. Department of Navy, Washington, DC.

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General Keyword: MANL

KW: EIS, Kings Bay, environ assess, human impacts, survey

Document Location: CAMCO

**Naval Facilities Engineering Command. 1980a.**

Draft supplement to environmental impact statement for preferred alternative location for a fleet ballistic missile submarine support base, Kings Bay, Georgia. U.S. Department of Navy, Washington, DC.

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General Keyword: MANL

KW: EIS, Kings Bay, environ assess, human impacts, survey

Document Location: CAMCO

**Naval Facilities Engineering Command. 1980b.**

Final supplement to environmental impact statement for preferred alternative location for a fleet ballistic missile submarine support base, Kings Bay, Georgia. U.S. Department of Navy, Washington, DC.

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General Keyword: MANL

KW: EIS, Kings Bay, environ assess, human impacts, survey

Document Location: CAMCO

**Naval Facilities Engineering Command. 1986.**

Final supplement to environmental impact statement for preferred alternative location for a fleet ballistic missile submarine support base, St. Marys entrance channel, Kings Bay, Georgia. U.S. Department of Navy, Washington, DC.

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General Keyword: MANL

KW: EIS, Kings Bay, environ assess, human impacts, survey

Document Location: CAMCO

**Neiheisel, J. 1962.**

Heavy mineral investigation of recent and Pleistocene sands of the lower coastal plain of Georgia. Geological Society of America Bulletin 73:365-374.

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General Keyword: GEOS

KW: heavy minerals, sands, coastal plain, distribution, Pleistocene

Document Location: LSM

**Neill, W. T. 1948.**

The lizards of Georgia. Herpetologica 4(4):153-158.

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General Keyword: RPTAM

KW: lizards, species list, distribution, habitat, ecology

Document Location: BIBL

**Nelson, M. I., and Ford, C. R. 1986.**

The Cumberland Island deer herd: Population analysis from the 1985-1986 hunting harvest. NPS-CPSU Technical Report No. 30, Institute of Ecology, University of Georgia, Athens, GA. 24 pp.

Ninety-one deer killed in 5 managed hunts on Cumberland Island National Seashore, Georgia in 1985-1986 showed evidence of overpopulation in their age composition, low average body weight, and poor antler quality.

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General Keyword: MAMM

KW: deer, hunting, popul dynamics, environ impacts, control

Document Location: CCES

**Nelson, M. I., and Warren, R. J. 1987.**

Preliminary evaluation of intraperitoneally implantable radiotelemetry in armadillos. Proceedings of the Annual Meeting of the American Society of Mammologists 67:Abstract No. 154.

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General Keyword: MAMM

KW: armadillos, radiotelemetry, tracking, distribution, range

Document Location: BIBL

**Neuhauser, H. N. 1977.**

Our golden legacy: Georgia's barrier islands. Coastal Quarterly 2(3):6-9.

-----

General Keyword: MANL

KW: Golden Isles, environ assess, land-use, human impacts, ecology

Document Location: BIBL

**Neuhauser, H. N., and Ruckdeschel, C. A. 1978.**

Whales (Cetacea) of Georgia, pp. 38-53. *in*: Odum, R.R. and Landers, L. (eds.), Proceedings of the Rare and Endangered Wildlife Symposium, 1978. Technical Bulletin WL4, Georgia Department of Natural Resources, Atlanta, GA.

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General Keyword: MAMM

KW: cetaceans, whales, distribution, taxonomy, species list

Document Location: GADNR

**Nichols, F. D. 1957.**

The early architecture of Georgia. University of North Carolina Press, Chapel Hill, NC.

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General Keyword: CUHI

KW: architecture, historic res, structures, historic sites, cultural res

Document Location: UNC

**Nightingale, B. N. 1938.**

Dungeness. Georgia Historical Quarterly 22(4):369-383.

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General Keyword: CUHI

KW: Dungeness, historic sites, historical acct, historic res, cultural res

Document Location: UGAMN

**Norman, B. G. 1968.**

Native trees of Georgia. George Foster Peabody School of Forestry, University of Georgia, Athens, GA. 96 pp.

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General Keyword: VEGT

KW: trees, field guide, species list, survey, distribution

Document Location: CUIS

**Nowak, R. M. 1974.**

Status of the green sea turtle, loggerhead, and olive Ridley turtle. Report to the U.S. Department of Interior, Fish and Wildlife Service, Office of Endangered Species, Washington, DC. 56 pp.

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General Keyword: RPTAM

KW: sea turtles, endangered sp, management, survey, distribution

Document Location: FWS

**Nummedal, D. 1978.**

Tidal-inlet sediment dispersal. Unpublished, available from U.S. Department of Interior, National Park Service, Cape Hatteras National Seashore, Manteo, NC.

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General Keyword: CGEO

KW: tides, inlets, geomorphology, hydraulics, sediment trans

Document Location: CAHA

- Nummedal, D., Oertel, G. F., Hubbard, D. K., and Hine, A. C. 1977.**  
Tidal inlet variability - Cape Hatteras to Cape Canaveral, pp. 543-562. in:  
Coastal Sediments '77. American Society of Civil Engineers, New York, NY.

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General Keyword: CGEO  
KW: inlets, tides, geomorphology, processes, currents  
Document Location: CCES

- Ober, F. A. 1880.**  
Dungeness, General Greene's Sea-Island plantation. J.B. Lippincott Co.,  
Philadelphia, PA. 39 pp.

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General Keyword: CUHI  
KW: Dungeness, Greene, Nath'l, historical acct, historic sites, cultural res  
Document Location: UGAMN

- Odom, R. R. 1976.**  
1975 heronry survey of the Georgia coast. The Oriole 41(2,3).

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General Keyword: BIRDS  
KW: herons, breeding, colonial nester, distribution, coastal zone  
Document Location: BIBL

- Odom, R. R. 1978.**  
Wood Storks nesting on the Georgia coast. The Oriole 43(1).

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General Keyword: BIRDS  
KW: Wood Storks, nesting, breeding, distribution, coastal zone  
Document Location: BIBL

- Odom, R. R., and Landers, L. (eds.) 1978.**  
Proceedings of the Rare and Endangered Wildlife Symposium, August 3-4, 1978.  
Technical Bulletin WL4, Georgia Department of Natural Resources, Game and Fish  
Division, Atlanta, GA.

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General Keyword: MANL  
KW: wildlife, endangered sp, rare species, distribution, ecology  
Document Location: GADNR

- Oertel, G. F. 1979.**  
Barrier island development during the Holocene recession, southeastern United  
States, pp. 273-290. in: Leatherman, S.P. (ed.), Barrier Islands from the Gulf  
of St. Lawrence to the Gulf of Mexico. Academic Press, New York, NY.

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General Keyword: CGEO  
KW: barrier islands, Holocene, development, sea level rise, sediment trans  
Document Location: CCES

**Oertel, G. F. 1975a.**

Ebb tidal deltas of Georgia estuaries. *in*: Cronin, L.E. (ed.), Estuarine Research, Volume 2: Geology and Engineering. Academic Press, New York, NY. 587 pp.

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General Keyword: CGEO

KW: tidal deltas, estuaries, tidal cycle, geomorphology, processes

Document Location: BIBL

**Oertel, G. F. 1973a.**

Ebb-tidal deltas of Georgia estuaries. *in*: Proceedings of the International Estuarine Research Conference, Columbia, SC.

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General Keyword: CGEO

KW: tidal deltas, inlets, currents, longshore trans, nearshore zone

Document Location: BIBL

**Oertel, G. F. 1973b.**

Observations of net shoreline positions and approximations of barrier island sediment budgets. Technical Report Series No. 73, Georgia Marine Science Center, University System of Georgia, Skidaway Island, GA. 23 pp.

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General Keyword: CGEO

KW: shoreline, sediment budget, erosion, accretion, overwash

Document Location: SERO

**Oertel, G. F. 1975b.**

Post-Pleistocene island and inlet adjustment along the Georgia coast. *Journal of Sedimentary Petrology* 45(1):150-159.

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General Keyword: CGEO

KW: barrier islands, inlets, migration, sediment trans, Holocene

Document Location: LSM

**Oertel, G. F. 1974b.**

Residual currents and sediment exchange between estuary margins and the inner shelf, southeast coast of the United States, pp. 135-143. *in*: Symposium Volume on Interrelationships of Estuarine and Continental Shelf Sedimentation. *Memoires de l'Institut de Geologie du Bassind'Aquitaine*, Bordeaux, France.

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General Keyword: CGEO

KW: estuaries, continent shelf, currents, sediment trans, processes

Document Location: BIBL

**Oertel, G. F. 1974a.**

A review of the sedimentologic role of dunes in shoreline stability, Georgia coast. *Bulletin of the Georgia Academy of Science* 32(4):48-56.

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General Keyword: CGEO

KW: sediment budget, beaches, dunes, wave energy, processes

Document Location: UGASCI

**Oertel, G. F. 1972.**

Sediment transport of estuary entrance shoals and the formation of swash platforms. *Journal of Sedimentary Petrology* 42(4):858-863.

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General Keyword: CGEO

KW: estuaries, sediment trans, shoals, waves, processes

Document Location: LSM

**Oertel, G. F. 1975c.**

The value and vulnerability of coastal beaches, sand dunes, and offshore bars. Resource Planning Section, Office of Planning and Research, Georgia Department of Natural Resources, Atlanta, GA.

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General Keyword: CGEO

KW: beaches, dunes, offshore bars, processes, CZM

Document Location: GADNR

**Oertel, G. F., and Howard, J. D. 1971.**

Hydrodynamics and sedimentation at inlets on the Georgia coast. *Geological Society of America Abstracts* 3(7):663-664.

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General Keyword: CGEO

KW: tidal deltas, wind, currents, sediment trans, circulation

Document Location: LSM

**Oertel, G. F., and Howard, J. D. 1972.**

Working model for barrier-island development along low energy coast of Georgia. *American Association of Petroleum Geologists Bulletin* 56(3):643-646.

-----  
General Keyword: CGEO

KW: barrier islands, sediment trans, shoals, circulation, processes

Document Location: BIBL

**Ogren, L. H., Watson, J. W. Jr., and Wickham, D. A. 1977.**

Loggerhead sea turtles, *Caretta caretta*, encountering shrimp trawls, pp. 15-17. in: Marine Fisheries Review Paper No. 1270, U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Washington, DC.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, fisheries, endangered sp, environ impacts

Document Location: LSM

**Olsen, E. J. 1977.**

A study of the effects of inlet stabilization at St. Marys Entrance, Florida, pp. 311-329. in: Coastal Sediments '77. Fifth Symposium of the Waterway, Port, Coastal and Ocean Division, American Society of Civil Engineers, November 2-4, 1977, Charleston, SC. American Society of Civil Engineers, New York, NY.

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General Keyword: MANL

KW: St. Marys Inlet, stabilization, channels, sediment trans, hydraulics

Document Location: BIBL



**Oosting, H. J. 1954.**

Ecological processes and vegetation of the maritime strand in the southeastern United States. *Botanical Review* 20(4):226-262.

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General Keyword: VEGT

KW: ecology, maritime forest, habitat, species list, survey

Document Location: LSM

**O'Rourke, P. 1978.**

Barrier island study. Preliminary draft. Unpublished, Georgia Department of Natural Resources, Office of Planning and Research, Atlanta, GA. 100 pp.

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General Keyword: MANL

KW: education, barrier islands, recreation, natural history, survey

Document Location: CUIS

**Osborn, R. G., and Custer, T. W. 1978.**

Hérons and their allies: Atlas of Atlantic Coast colonies, 1975 and 1976. FWS/OBS-77/08, U.S. Department of Interior, Fish and Wildlife Service, Biological Services Program, Washington, DC. 211 pp.

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General Keyword: BIRDS

KW: herons, atlas, colonial nester, distribution, mapping

Document Location: CCES

 **Otto, J. S. 1979.**

A new look at slave life. *Natural History* 88(1):8-30.

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General Keyword: CUHI

KW: archeology, slaves, architecture, historical acct, cultural res

Document Location: LSM

**Overbey, M. M. 1982.**

The social impact of naval base development on a coastal community: Camden County, Georgia. Unpublished Ph.D. Dissertation, University of Florida, Gainesville, FL.

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General Keyword: MANL

KW: development, naval base, social problems, environ impacts, land-use

Document Location: CUIS

**Parchure, T. M. 1982.**

St. Marys Entrance, glossary of inlets, Report No. 11. College Report No. 44, Florida Sea Grant, University of Florida, Gainesville, FL. 48 pp.

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General Keyword: CGEO

KW: inlets, navigation, jetties, sediment budget, longshore trans

Document Location: CCES

**Pearson, T. G. 1922.**

Notes on the birds of Cumberland Island, Georgia. *Wilson Bulletin* 34(2):84-90.

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General Keyword: BIRDS

KW: species list, distribution, survey, natural history, ecology

Document Location: AMNH

**Pence, D. B., Warren, R. J., and Ford, C. R. 1988.**

Visceral helminth communities of an insular population of feral swine. *Journal of Wildlife Diseases* 24(1):105-112.

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General Keyword: MAMM

KW: helminths, feral hogs, parasites, diseases, pathology

Document Location: MABEL

**Perkins, F. O. 1987.**

Protistan parasites of commercially significant marine bivalve molluscs - life cycles, ultrastructure, and phylogeny. *Aquaculture* 67:240-243.

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General Keyword: INVRT

KW: bivalves, parasites, protistans, life history, diseases

Document Location: LSM

**Pilkey, O. H., and Field, M. E. 1972.**

Onshore transport of continental shelf sediments: Atlantic southeastern states, pp. 429-446. *in*: Swift, J.P., Duane, D.B., and Pilkey, O.H. (eds.), *Shelf Sediment Transport: Process and Pattern*. Dowden, Hutchinson, and Ross, Inc., Stroudsburg, PA.

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General Keyword: GEOS

KW: sediments, continent shelf, onshore trans, beaches, barrier islands

Document Location: BIBL

**Portnoy, J. W., Erwin, R. M., and Custer, T. A. 1981.**

Atlas of gull and tern colonies: North Carolina to Key West, Florida (including pelicans, cormorants and skimmers). U.S. Department of Interior, Fish and Wildlife Service, Washington, DC. 121 pp.

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General Keyword: BIRDS

KW: shorebirds, colonial nester, inventory, nesting, mapping

Document Location: GATE

**Price, R. S., Hoffman, R. B., and Feaser, D. D. 1978.**

Cumberland Island National Seashore, wayside exhibit plan. U.S. Department of Interior, National Park Service, Branch of Wayside Exhibits, Division of Exhibits, Harpers Ferry Center, Harpers Ferry, WV. 25 pp.

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General Keyword: MANL

KW: interpretation, visitor use, exhibits, natural history, cultural res

Document Location: SERO

**Radtko, D. B. 1985.**

Sediment sources and transport in Kings Bay and vicinity, Georgia and Florida, July 8-16, 1982. USGS Professional Paper 1347, U.S. Geological Survey, Washington, DC.

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General Keyword: CGEO

KW: sediments, Kings Bay, origins, sediment trans, currents

Document Location: USGS

 **Reddick, M. 1976.**

Camden's challenge. A history of Camden County, Georgia. Camden County Historical Commission, St. Marys, GA. 606 pp.

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General Keyword: CUHI

KW: Camden County, history, historical acct, historic res, cultural res

Document Location: CUIS

**Reimold, R. J. 1974.**

Toxaphene interactions in estuarine ecosystems. Unpublished, Report No. 74-6, Georgia Marine Science Center, University of Georgia, Skidaway Island, GA. 80 pp.

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General Keyword: ESTE

KW: pesticides, ecology, environ impacts, pollution, management

Document Location: MANN

**Reimold, R. J., Linthurst, R. A., and Wolf, P. L. 1975.**

Effects of grazing on a salt marsh. Biological Conservation 8(2):105-125.

-----

General Keyword: ESTE

KW: salt marshes, grazing, *Spartina alter*, ecology, environ impacts

Document Location: LSM

**Reimold, R. J., Linthurst, R. A., and Hardisky, M. A. 1976.**


Wetlands primary productivity adjacent to Acadia National Park, Maine and Cumberland Island National Seashore, Georgia, p. 48. in: First Conference on Scientific Research in the National Parks, Abstracts, 9-13 November, 1976, New Orleans, Louisiana.

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General Keyword: ESTE

KW: wetlands, productivity, ecology, salt marshes, detritus

Document Location: CCES

 **Respass, S. P. 1979.**

Cumberland Island today. Unpublished, available at U.S. Department of Interior, National Park Service, Office of Director of Cultural Resources, Washington, DC. 20 pp.

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General Keyword: CUHI

KW: historic res, cultural res, history, natural history, land-use

Document Location: NPSDC

**Rhyne, B. C. 1976.**

Colonial nesting bird studies. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA.

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General Keyword: BIRDS

KW: shorebirds, colonial nester, sighting, nesting, ecology

Document Location: CUIS

**Rhyne, B. C. 1977.**

Cumberland Island National Seashore - colonial nesting survey - 1977.  
 Unpublished, U.S. Department of Interior, National Park Service, Cumberland  
 Island National Seashore, St. Marys, GA. 20 pp.

-----  
 General Keyword: BIRDS

KW: shorebirds, colonial nester, terns, survey, nesting

Document Location: CUIS

**Rhyne, B. C. 1980a.**

Fiddler Crab - *Uca pugnax* and *Uca pugilator*. Unpublished, U.S. Department of  
 Interior, National Park Service, Cumberland Island National Seashore, St. Marys,  
 GA. 2 pp.

-----  
 General Keyword: INVRT

KW: crustaceans, fiddler crabs, *Uca*, ecology, distribution

Document Location: CUIS

**Rhyne, B. C. 1980b.**

List of herb, tree, shrub and vine species found at Table Point. Unpublished,  
 U.S. Department of Interior, National Park Service, Cumberland Island National  
 Seashore, St. Marys, GA. 4 pp.

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 General Keyword: VEGT

KW: Table Point, wildflowers, trees, vines, shrubs

Document Location: CUIS

**Richardson, J. P. 1985a.**

Additions to the coastal seaweeds of Georgia. Bulletin of the Georgia Academy  
 of Science 43:10.KW:

-----  
 General Keyword: VEGT

KW: marine flora, algae, species list, range, distribution

Document Location: UGASCI

**Richardson, J. P. 1986.**

Additions to the macroalgal flora of coastal Georgia. Georgia Journal of  
 Science 44:131-135.

-----  
 General Keyword: VEGT

KW: marine flora, algae, survey, species list, taxonomy

Document Location: UGASCI

**Richardson, J. P. 1985b.**

Floristic characteristics of the benthic marine algae of coastal Georgia.  
 Journal of Phycology 21(supplement):10 (Abst. No. 38).

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 General Keyword: VEGT

KW: marine algae, distribution, substrate, phys parameters, ecology

Document Location: LSM

**Richardson, J. P. 1987.**

Floristic and seasonal characteristics of inshore Georgia macroalgae. Bulletin of Marine Science 40(2):210-219.

-----

General Keyword: VEGT

KW: marine flora, algae, seasonality, nearshore zone, ecology

Document Location: LSM

**Richardson, J. I. 1982.**

A population model for adult loggerhead sea turtles (*Caretta caretta*) nesting in Georgia. Unpublished Ph.D. Dissertation, University of Georgia, Athens, GA. 204 pp.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, popul dynamics, nesting, models

Document Location: UGASCI

**Richardson, J. P. 1985c.**

Preliminary summary of the marine algal flora at the jetty on Cumberland Island National Seashore, August 1985. Unpublished, available at U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA.

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General Keyword: VEGT

KW: marine algae, jetties, distribution, phys parameters, ecology

Document Location: CUIS

**Richardson, J. I. 1978.**

Results of a hatchery for incubating loggerhead sea turtles (*Caretta caretta*) eggs on Little Cumberland Island, GA, p. 15. in: Henderson, G. (ed.), Proceedings of the Florida Interregional Conference on Sea Turtles, 24-25 July 1976, Jensen Beach, Florida. Florida Marine Research Publication No.33, Florida Department of Natural Resources, St. Petersburg, FL.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, hatching, reproduction, ecology

Document Location: CCES

**Richardson, J. I. 1987.**

Summary of loggerhead sea turtle research, Cumberland Island National Seashore, 1984-1986, Final Report. Unpublished, Institute of Ecology, University of Georgia, Athens, GA. 35 pp.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, research, popul dynamics, ecology

Document Location: CCES

**Richardson, J. I., and Hillestad, H. O. 1978.**

Ecology of a loggerhead sea turtle population, pp. 22-37. *in*: Odum, R.R. and Landers, L. (eds.), Proceedings of the Rare and Endangered Wildlife Symposium. Technical Bulletin WL-4, Georgia Department of Natural Resources, Game and Fish Division, Athens, GA.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, nesting, ecology, reproduction

Document Location: CALO

**Richardson, J. I., and Hillestad, H. O. 1979.**

Survey for wintering marine turtles in South Carolina and Georgia. Final Report to U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Washington, DC. from Southeastern Wildlife Services, Inc., Athens, GA. 50 pp.

-----

General Keyword: RPTAM

KW: sea turtles, survey, distribution, ecology, migration

Document Location: AMNH

**Richardson, J. I., Richardson, T. H., and Dix, M. W. 1978.**

Population estimates for nesting female loggerhead sea turtles (*Caretta caretta*) in the St. Andrew Sound area of southeastern Georgia, pp. 34-38. *in*: Henderson, G.E. (ed.), Proceedings of the Florida Interregional Conference on Sea Turtles, 24-25 July 1976, Jensen Beach, Florida. Florida Marine Research Publication No. 33, Florida Department of Natural Resources, St. Petersburg, FL.

-----

General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, nesting, ecology, popul dynamics

Document Location: CCES

**Richardson, J. I., Ruckdeschel, C. A., Hillestad, H. O., and May, M. 1977.**

Within-season inter-island nesting overlap by loggerhead sea turtles in the St. Andrew Sound area of Georgia. *in*: Proceedings of the 57th Annual Meeting of the American Society of Ichthyology and Herpetology.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, seasonality, nesting, distribution

Document Location: AMNH

**Richardson, J. I., and Worthington, J. 1975a.**

Terrestrial ecology of the Georgia barrier islands. *in*: The Value and Vulnerability of Coastal Resources - Background Papers for Review and Discussion. Georgia Department of Natural Resources, Atlanta, GA.

-----

General Keyword: MANL

KW: barrier islands, ecology, natural res, wildlife, protection

Document Location: GADNR

**Richardson, J. I., and Worthington, J. 1975b.**

Value and vulnerability of Georgia's coastal island system, pp. 37-109. in: The Value and Vulnerability of Coastal Resources - Background Papers for Review and Discussion. Georgia Department of Natural Resources, Planning Section, Atlanta, GA.

-----

General Keyword: MANL

KW: barrier islands, management, environ impacts, natural res, planning

Document Location: GADNR

**Richardson, Joseph P.**

Community Description and Monitoring of Cumberland Island Jetty at Kings Bay - St. Marys River Entrance, Georgia. Biological and Physical Aspects of Dredging Kings Bay, Georgia/Coastal Zone '91 Conference-ASCE Long Beach, CA/July 1991.

The rock jetty at the south end of Cumberland Island National Seashore was monitored monthly over two years for fish, macro-invertebrate and macroalgal species distributions and abundances. Spatial and temporal distributions were recorded to provide baseline data for future ecosystem monitoring.

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KW: distribution, macro-invertebrate, macroalgal species

**Richardson, T. H., Richardson, J. I., Ruckdeschel, C. A., and Dix, M. W. 1978.**

Remigration patterns of loggerhead sea turtles (*Caretta caretta*) nesting on Little Cumberland and Cumberland Islands, Georgia, pp. 39-44. in: Henderson, G. (ed.), Proceedings of the Florida Interregional Conference on Sea Turtles, 24-25 July 1976, Jensen Beach, Florida. Florida Marine Research Publication No. 33, Florida Department of Natural Resources, St. Petersburg, FL.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, migration, nesting, popul dynamics

Document Location: CCES

**Rigdon, T. A. 1974.**

Soils report and interpretation for Cumberland Island, Georgia. U.S. Department of Agriculture, Soil Conservation Service, Athens, GA.

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General Keyword: GEOS

KW: soils, survey, soil series, physiography, vegetation

Document Location: CUIS

**Rigdon, T. A., and Green, A. J. 1980.**

Soil survey of Camden and Glynn Counties, Georgia. U.S. Department of Agriculture, Soil Conservation Service, Washington, DC.

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General Keyword: GEOS

KW: soils, survey, Camden County, distribution, soil series

Document Location: BIBL

**Ripley, H. C. 1912.**

How to build a stone jetty on a sand bottom in the open sea. Transactions of the American Society of Civil Engineers 75:1040-1078.

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General Keyword: MANL

KW: jetties, sands, currents, sediment trans, management

Document Location: BIBL

**Ritchie, B. 1985.**

Migratory monitoring of *Falco peregrinus* in coastal Georgia. 1984 Annual Report. Unpublished, Georgia Department of Natural Resources, Endangered Species Office, Atlanta, GA.

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General Keyword: BIRDS

KW: Peregrine Falc, migration, monitoring, distribution, endangered sp

Document Location: GADNR

**Ritchie, B. 1986.**

Migratory monitoring of *Falco peregrinus* in coastal Georgia. 1985 Annual Report. Unpublished, Georgia Department of Natural Resources, Endangered Species Office, Atlanta, GA.

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General Keyword: BIRDS

KW: Peregrine Falc, migration, monitoring, distribution, endangered sp.

Document Location: GADNR

**Ritchie, B. 1987.**

Migratory monitoring of *Falco peregrinus* in coastal Georgia. 1986 Annual Report. Unpublished, Georgia Department of Natural Resources, Endangered Species Office, Atlanta, GA.

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General Keyword: BIRDS

KW: Peregrine Flac, migration, monitoring, distribution, endangered sp.

Document Location: GADNR

**Roberts, J. W. 1975.**

Geologic evolution of the south end of Cumberland Island, Georgia. Unpublished Bachelor of Arts Thesis, Smith College, Northhampton, MA. 158 pp.

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General Keyword: CGEO

KW: spits, jetties, erosion, accretion, history

Document Location: CUIS

**Roberts, M. H. Jr., and et al. [sic] (eds.) 1974.**

A Socio-economic Environmental Baseline Summary for the South Atlantic Region between Cape Hatteras, North Carolina and Cape Canaveral, Florida - Vol. III. Virginia Institute of Marine Science, Gloucester Point, VA.

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General Keyword: MANL

KW: economics, cultural res, social problems, survey, environ impacts

Document Location: VIMS



**Rock, M. A. 1973.**

Cumberland Island: Sandy treasure of the Golden Isles. National Parks and Conservation Magazine 47(8):433-37.

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General Keyword: MANL

KW: barrier islands, management, recreation, visitor use, conservation

Document Location: LSM

**Ross, P. 1978.**

Present status of sea turtles: A summary of recent information and conservation priorities. Report to the International Union for the Conservation of Nature and Natural Resources. 45 pp.

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General Keyword: RPTAM

KW: sea turtles, conservation, endangered sp, survey, management

Document Location: N.A.

**Rowland, Randall Dewey August 1989.**

Population Genetics of White-Tailed Deer on Cumberland Island, Georgia, CPSU Technical Report No. 58 Institute of Ecology, University of Georgia, Athens, Ga. Tissue samples were collected from 266 adult white-tailed deer(*odocoileus virginianus*) from Cumberland Island for electrophoretic analysis. The herd was more variable genetically than expected.

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KW: white-tailed deer, electrophoretic

**Ruckdeschel, C. A. 1977.**

Sea turtle tagging project - report of the *Caretta caretta* tagging project on the north end of Cumberland Island, Camden County, Georgia. U.S. Department of Interior, National Park Service, Southeast Regional Office, Atlanta, GA. 18 pp.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, tagging, endangered sp, management

Document Location: CUIS

**Ruckdeschel, C. A., and Jordan, H. B. 1982.**

Observations on the Cumberland Island fire of 16 July - 24 August, 1981 and subsequent recovery. Contract PX5630-1-531 Final Report, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA.

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General Keyword: MANL

KW: fire, fire ecology, disturbance, vegetation, damage

Document Location: CUIS

**Ruckdeschel, C. A., and Shoop, C. R. 1986.**

The fauna of Cumberland Island. I. On the occurrence of the opossum and gray fox. Georgia Journal of Science 44(3):90-95.

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General Keyword: MAMM

KW: opossum, gray foxes, history, distribution, barrier islands

Document Location: UGASCI

**Ruckdeschel, C. A., and Zug, G. R. 1982.**

Mortality of sea turtles, *Caretta caretta*, in coastal waters of Georgia.  
Biological Conservation 22:5-9.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, stranding, mortality, environ impacts

Document Location: LSM

**Ruzecki, E. P. 1974.**

A Socio-economic Environmental Baseline Summary for the South Atlantic Region between Cape Hatteras, North Carolina and Cape Canaveral, Florida. Volume II: Climatology. U.S. Department of Interior, Bureau of Land Management, Washington, DC. 211 pp.

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General Keyword: CGEO

KW: climatology, meteorology, temperature, rainfall, wind

Document Location: CCES

**Sandifer, P. A., Miglarese, J. V., Calder, D. R., Manzi, J. J., Barclay, L. A., Joseph, E. B., and McKenzie, M. D. 1980.**

Ecological characterization of the Sea Island coastal region of South Carolina and Georgia. Volume III: Biological features of the characterization area. Report FWS/OBS-79/44, U.S. Department of Interior, Fish and Wildlife Service, Office of Biological Services, Coastal Ecosystems Project, Washington, DC. 620 pp.

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General Keyword: MANL

KW: ecology, barrier islands, processes, land-use, environ assess

Document Location: CUIS

**Saveland, R. N. 1979.**

Environmental education and research opportunities on the Georgia coast, p. 98. in: Second Conference on Scientific Research in the National Parks, Abstracts, 26-30 November, 1979, San Francisco, California.

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General Keyword: MANL

KW: education, research, shoreline, environ assess, CZM

Document Location: CCES

**Schelske, C. L., and Odum, E. P. 1961.**

Mechanisms for maintaining high productivity in Georgia estuaries. Bulletin of the Gulf and Caribbean Fisheries Institute 14:75-80.

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General Keyword: ESTE

KW: vegetation, productivity, fauna, food web, biomass

Document Location: BIBL

**Schmidley, D. J. 1981.**

Marine mammals of the southeastern United States coast and the Gulf of Mexico. U.S. Department of Interior, Fish and Wildlife Service, Office of Biological Services, Washington, DC. 165 pp.

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General Keyword: MAMM

KW: whales, dolphins, seals, manatees, distribution

Document Location: FWS

**Schultz, G. A. 1975.**

Terrestrial isopod crustaceans (Oniscidae) from coastal sites in Georgia.  
Bulletin of the Georgia Academy of Science 33(4):185-194.

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General Keyword: INVRT

KW: isopods, distribution, species list, habitat, ecology

Document Location: UGASCI

**Seneca, E. D. 1974.**

Germination and seedling response of Atlantic and Gulf Coasts populations of  
*Spartina alterniflora*. American Journal of Botany 61(9):947-956.

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General Keyword: VEGT

KW: *Spartina alter*, photoperiod, temperature, growth, seedlings

Document Location: LSM

**Shabica, S. V. 1978.**

Research Perspectives 1979. Southeast Regional Office, Coastal Field Research  
Laboratory, NSTL Station, MS.

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General Keyword: MANL

KW: research, beach dynamics, environ impacts, visitor use, CZM

Document Location: CAHA

**Shabica, S. V. 1979.**

Sea turtle nesting in National Parks of the Southeast Region. Reports to the  
Superintendent No. 2, Gulf Islands National Seashore, Coastal Field Research  
Laboratory, NSTL Station, MS. Presented by R. Burge at Second Conference on  
Scientific Research in the National Parks, 26-30 November 1979, San Francisco,  
California.

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General Keyword: RPTAM

KW: sea turtles, nesting, endangered sp, distribution, protection

Document Location: CCES

**Shanholtzer, G. F. 1974.**

Relationship of vertebrates to salt marsh plants, pp. 463-474. in: Reimold,  
R.J. and Queen, W.H. (eds.), Ecology of Halophytes. Academic Press, Inc., New  
York, NY.

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General Keyword: MANL

KW: vertebrates, salt marshes, vegetation, feeding, habitat

Document Location: CCES

**Sharp, T. M. 1978.**

Draft furnishing plan - Tabby House. U.S. Department of Interior, National Park  
Service, Southeast Regional Office, Atlanta, GA. 95 pp.

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General Keyword: CUHI

KW: historic sites, Tabby House, historic res, architecture, management

Document Location: CUIS

**Shelander, H. D. 1977.**

Utilizing Georgia's ocean beaches for outdoor recreation. Funded by Coastal Zone Management, U.S. Department of Commerce, National Oceanographic and Atmospheric Administration, Coastal Area Planning Commission, Athens, GA. 121 pp.

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General Keyword: MANL

KW: barrier islands, beaches, land-use, recreation, development

Document Location: BIBL

**Shepard, F. P., and Wanless, H. R. 1971.**

Straight barrier coasts, Cape Romain to Florida Keys, pp. 133-161. in: *Our Changing Coastlines*. McGraw-Hill, New York, NY.

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General Keyword: CGEO

KW: coastline, changes, aerial photog, geomorphology, processes

Document Location: CCES

**Shoop, C. R., and Ruckdeschel, C. A. 1982.**

Increasing turtle strandings in the southeast United States: A complicating factor. *Biological Conservation* 23:213-215.

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General Keyword: RPTAM

KW: sea turtles, strandings, fisheries, feeding, environ impacts

Document Location: LSM

**Shoop, C. R., and Ruckdeschel, C. A. 1986.**

New herpetological records for Cumberland Island, Georgia. *Herpetological Review* 17(2):51.

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General Keyword: RPTAM

KW: reptiles, amphibians, distribution, habitat, ecology

Document Location: LSM

**Shoop, C. R., Ruckdeschel, C. A., and Thompson, N. B. 1985.**

Sea turtles in the southeast United States: Nesting activity as derived from aerial and ground surveys, 1982. *Herpetologica* 41(3):252-259.

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General Keyword: RPTAM

KW: sea turtles, distribution, nesting, survey, endangered sp

Document Location: UGACPS

 **Silva, J. S. 1976.**

Early reminiscence of Camden County, Georgia by an old St. Marys boy in his 82nd year, 1914-1915. *The Southeast Georgian, Inc., Kingsland, GA.*

-----

General Keyword: CUHI

KW: Camden County, St. Marys, historical acct, folklore, cultural res

Document Location: CAMCO

**Simon, D. M., Turner, M. G., Davison, K. L., and Bratton, S. P. 1984.**  
Habitat utilization by horses, deer, and rabbits on Cumberland Island National Seashore, Georgia. NPS-CPSU Technical Report No. 8, Institute of Ecology, University of Georgia, Athens, GA. 21 pp.

The community types found on Cumberland Island National Seashore are very diverse and supply habitat for several native and non-native species of grazing animals. This study compared use of the major habitat types on the island by feral horses, white-tailed deer, and marsh rabbits.

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General Keyword: MAMM

KW: feral animals, grazing, environ impacts, ecology, habitat

Document Location: CCES

**Singer, F. J. 1979.**

A comparison among feral pig and European wild boar populations, p. 245. in: Second Conference on Scientific Research in the National Parks, Abstracts, 26-30 November, 1979, San Francisco, California.

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General Keyword: MAMM

KW: feral hogs, wild boars, comparison, popul dynamics, ecology

Document Location: CCES

**Singer, F. J. 1981.**

Wild pig populations in the National Parks. Environmental Management 5(3): 263-270.

-----

General Keyword: MAMM

KW: wildlife, feral hogs, environ impacts, history, management

Document Location: LSM

**Small, J. K. 1972.**

Manual of the southeastern flora. Hafner Publishing Co., New York, NY. 1552 pp.

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General Keyword: VEGT

KW: flora, habitat, species list, distribution, ecology

Document Location: CUIS

**Smith, J. O., and Sammons, J. L. 1974.**

Georgia law review: Public rights to Georgia's tidelands. Georgia Law Review 9(1):79-114.

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General Keyword: MANL

KW: legislation, tides, wetlands, CZM, policy

Document Location: BIBL

 **Smith, R. L. 1978.**

An archaeological survey of Kings Bay, Camden County, Georgia. Report submitted to the U.S. Navy by the Department of Anthropology, University of Florida, Gainesville, FL.

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General Keyword: CUHI

KW: archaeology, Kings Bay, cultural res, historic res, survey

Document Location: UFL

**Smith, R. L. 1982.**

Coastal Mississippian Period sites at Kings Bay, Georgia: A model-base archaeological analysis. Unpublished Ph.D. Dissertation, University of Florida, Gainesville, FL.

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General Keyword: CUHI

KW: archaeology, Kings Bay, cultural res, Mississippi Per, survey

Document Location: UFL

**Smith, R. L. 1977.**

Field notes, Kings Bay survey. Unpublished manuscript on file at the Florida State Museum, Gainesville, FL.

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General Keyword: CUHI

KW: archeology, Kings Bay, cultural res, historic res, survey

Document Location: UFL

**Smith, R. L., Braley, C. O., Borremans, N. T., and Reitz, E. J. 1981.**

Coastal adaptations in southeast Georgia: Ten archaeological sites at Kings Bay. Report submitted to the U.S. Navy by the Department of Anthropology, University of Florida, Gainesville, FL.

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General Keyword: CUHI

KW: archaeology, Kings Bay, cultural res, historic res, survey

Document Location: UFL

**Smock, L. A., and Stoneburner, D. L. 1980.**

The response of macroinvertebrates to aquatic macrophyte decomposition. *Oikos* 35(3):397-406.

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General Keyword: INVRT

KW: Lake Whitney, SAV, productivity, food web, ecology

Document Location: LSM

**Snow, B. C. Jr. 1978.**

Summary of marine activities of the coastal plains region. Coastal Plains Center for Marine Development Services, Wilmington, NC. 108 pp.

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General Keyword: MANL

KW: directory, research, marine environ, development, management

Document Location: CAHA

**Soots, R. Jr 1978.**


Development and management of avian habitat on dredged material islands. Technical Report No. DS-78-18, U.S. Army Corps of Engineers, Coastal Engineering Research Center, Fort Belvoir, VA. 134 pp.

-----

General Keyword: BIRDS

KW: dredge spoil, habitat, colonial nester, ecology, management

Document Location: CAHA

 **Soubier, L. C. 1978.**

Interpretive prospectus Cumberland Island National Seashore, Georgia. U.S. Department of Interior, National Park Service, Branch of Exhibits Planning and Design, Division of Exhibits, Harpers Ferry Center, Harpers Ferry, WV. 20 pp.

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General Keyword: MANL

KW: interpretation, education, visitor use, exhibits, management

Document Location: SERO

**Sprunt, A. Jr 1936.**

Some observations on the bird life on Cumberland Island, Georgia. Oriole 1(1): 1-6.

-----

General Keyword: BIRDS

KW: distribution, ecology, habitat, behavior, species list

Document Location: BIBL

**Stallknecht, D. E., and Erickson, G. A. 1986.**

Antibodies to vesicular stomatitis New Jersey type virus in a population of white-tailed deer. Journal of Wildlife Diseases 22(2):250-254.

-----

General Keyword: MAMM

KW: deer, diseases, immunity, popul dynamics, distribution

Document Location: MABEL

**Stallknecht, D. E., Nettles, V. F., Erickson, G. A., and Jessup, D. A. 1986.**


Antibodies to vesicular stomatitis virus in populations of feral swine in the United States. Journal of Wildlife Diseases 22(3):320-325

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General Keyword: MAMM

KW: feral hogs, diseases, immunity, popul dynamics, distribution

Document Location: MABEL

 **Stegman, J. F. 1970.**

The British raid on Cumberland. Atlanta Journal and Constitution Magazine, May 3, 1970.

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General Keyword: CUHI

KW: British, military hist, historical acct, history, historic res

Document Location: UGAMN

**Sternberg, J. (compiler) 1982.**

Directory of sea turtle conservation programs in the southeastern United States. Sea Turtle Rescue Fund, Center for Environmental Education, Washington, DC. 73 pp.

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General Keyword: RPTAM

KW: sea turtles, directory, conservation, endangered sp, management

Document Location: CACO

**Sternberg, J. 1981.**

The worldwide distribution of sea turtle nesting beaches. Sea Turtle Rescue Fund, Center for Environmental Education, Washington, DC.

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General Keyword: RPTAM

KW: sea turtles, maps, distribution, nesting, endangered sp

Document Location: CALO

**Stevens, W. B. 1859.**

A history of Georgia from its first discovery by Europeans to the adoption of the present Constitution in 1838. 2 Volumes. E.H. Butler and Co., Philadelphia, PA. (Reprint)

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General Keyword: CUHI

KW: history, legislation, settlements, historical acct, cultural res

Document Location: UGAMN

**Stickney, R. R. 1972.**

Effects of Intracoastal Waterway dredging on ichthyofauna, and benthic macroinvertebrates. Skidaway Institute of Oceanography, Skidaway Island, GA.

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General Keyword: MANL

KW: dredging, Intracoast Wtwy, invertebrates, ichthyofauna, environ impacts

Document Location: SKID

**Stoneburner, D. L. 1980.**

Body depth: An indicator of morphological variation among nesting groups of adult loggerhead sea turtles (*Caretta caretta*). Journal of Herpetology 14(2): 205-206.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, morphology, popul dynamics, nesting

Document Location: LSM

**Stoneburner, D. L. 1978a.**

Heavy metals in tissues of stranded short-finned pilot whales. The Science of the Total Environment 9(1978):293-297.

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General Keyword: MAMM

KW: marine mammals, pilot whales, heavy metals, pollution, mortality

Document Location: UGACRU

**Stoneburner, D. L. 1979a.**

Heavy metal concentrations in loggerhead sea turtle eggs at Canaveral, Cumberland Island, Cape Lookout and Cape Hatteras National Seashores: Report to the Superintendent. Unpublished, Institute of Ecology, University of Georgia, Athens, GA. 7 pp.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, eggs, heavy metals, environ impacts

Document Location: UGACRU



**Stoneburner, D. L. 1978b.**

Mercury, selenium and cadmium concentrations in tissues of the short-finned pilot whale (*Globicephala macrorhynchus* [= *macrorhycha*] Gray). Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 9 pp.

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General Keyword: MAMM

KW: pilot whales, heavy metals, biolog magnif, environ impacts, mortality

Document Location: CUIS

**Stoneburner, D. L. 1981a.**

Observations on the role of temperature in loggerhead turtle nest site selection. *Copeia* 1981(1):238-241.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, nesting, beaches, temperature

Document Location: UGACRU

**Stoneburner, D. L. 1979d.**

The role of beach sand temperature in loggerhead sea turtle nest site selection: Report to the Superintendent. Unpublished, Institute of Ecology, University of Georgia, Athens, GA. 9 pp.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, nesting, beaches, temperature

Document Location: UGACRU

**Stoneburner, D. L. 1979b.**

Satellite telemetry of interesting movements of loggerhead sea turtles at Cumberland Island National Seashore: Report for the Superintendent. Unpublished, Institute of Ecology, University of Georgia, Athens, GA. 7 pp.

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General Keyword: RPTAM

KW: sea turtles, distribution, aerial photog, estuaries, offshore zone

Document Location: UGACRU

**Stoneburner, D. L. 1982.**

Satellite telemetry of loggerhead sea turtle movement in the Georgia Bight. *Copeia* (2):400-408.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, telemetry, migration, tagging

Document Location: LSM

**Stoneburner, D. L. 1979c.**

Summary of loggerhead sea turtle project, 1979: Cumberland Island National Seashore, Cape Lookout National Seashore, Canaveral National Seashore. Unpublished, Institute of Ecology, University of Georgia, Athens, GA. 20 pp.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, nesting, hatchlings, hurricanes

Document Location: UGACRU

**Stoneburner, D. L. 1981b.**

Summary of loggerhead sea turtle research project conducted at Cape Canaveral National Seashore, Cumberland Island National Seashore, Cape Lookout National Seashore: A final report, 1980. Research/Resource Management Report No. 39, U.S. Department of Interior, National Park Service, Southeast Regional Office, Cooperative Research Unit, University of Georgia, Athens, GA. 27 pp.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, nesting, survey, endangered sp

Document Location: NPSDSC

**Stoneburner, D. L., Nicora, M. N., and Blood, E. R. 1980.**

Heavy metals in loggerhead sea turtle eggs (*Caretta caretta*): Evidence to support the hypothesis that demes exist in the western Atlantic population. Journal of Herpetology 14(2):171-175.

-----  
General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, heavy metals, distribution, popul dynamics

Document Location: LSM

**Stoneburner, D. L., Richardson, J. I., and Williamson, G. K. 1982.**

Observations of the movement of hatchling sea turtles. Copeia 1982(4):963-965.

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General Keyword: RPTAM

KW: sea turtles, hatchlings, behavior, survival, migration

Document Location: LSM

**Stoneburner, D. L., and Smock, L. A. 1979a.**

The physical and chemical limnology of an insular brown-water-lake Lake Whitney, Cumberland Island National Seashore. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 12 pp.

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General Keyword: GEOS

KW: Lake Whitney, limnology, water chemistry, phys parameters, aquatic veg

Document Location: CUIS

**Stoneburner, D. L., and Smock, L. A. 1979b.**

The physical and chemical limnology of an insular, brown-water lake in coastal Georgia. *Archiv für Hydrobiologie* 87(3):364-378.

-----  
General Keyword: GEOS

KW: Lake Whitney, limnology, water chemistry, phys parameters, wind

Document Location: UGAMN

**Stoneburner, D. L., and Smock, L. A. 1980.**

Plankton communities of an acidic, polymictic, brown-water lake. *Hydrobiologia* 69(1-2):131-137.

-----  
General Keyword: GEOS

KW: Lake Whitney, plankton, popul dynamics, phys parameters, water chemistry

Document Location: UGACRU

**Strand, R. H. 1979.**

Cumberland Island National Seashore, Dungeness exhibit plan for the Carnegie Ice House. U.S. Department of Interior, National Park Service, Branch of Exhibit Planning and Design, Division of Exhibits, Harpers Ferry Center, Harpers Ferry, WV.

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General Keyword: CUHI

KW: historic sites, Dungeness, exhibits, visitor use, education

Document Location: SERO

**Stratton, D. A., Bratton, S. P., and Simon, D. M. 1984.**

An inventory of forest fire fuels at Cumberland Island National Seashore, Georgia. NPS-CPSU Technical Report No. 6, Institute of Ecology, University of Georgia, Athens, GA. 33 pp.

Woody fuel biomass was estimated for upland sites at Cumberland Island National Seashore (CUIS). The highest fuel loads were observed in the five year old regrowth at Table Point while the lowest fuel loads were found in the one year old regrowth at the old South Cut burn.

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General Keyword: VEGT

KW: fire ecology, fuel load, inventory, fire history, management

Document Location: CCES

**Stroud, S. 1982.**

Cumberland Island deer hunt guidelines. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 22 pp.

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General Keyword: MAMM

KW: deer, hunting, wildlife, management, visitor use

Document Location: CUIS

**Swann, C. T. 1980.**

Preliminary report on the geology of the Cumberland Island National Seashore. Georgia Journal of Science 38:109.

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General Keyword: GEOS

KW: geol history, geology, stratigraphy, sediments, survey

Document Location: NPSDC

**Swann, C. T. 1978.**

Water analysis. Georgia Geological Survey, Georgia Department of Natural Resources, Albany, GA.

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General Keyword: GEOS

KW: hydrology, limnology, groundwater, water chemistry, water quality

Document Location: CUIS

**Swinburne, S. R. 1980.**

Cumberland Island National Seashore - colonial nesting survey - 1980.  
Unpublished, U.S. Department of Interior, National Park Service, Cumberland  
Island National Seashore, St. Marys, GA.

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General Keyword: BIRDS

KW: colonial nester, behavior, nesting, survey, Least Terns

Document Location: CUIS

**Teal, J. M. 1958.**

Distribution of fiddler crabs in Georgia salt marshes. Ecology 39(2):185-193.

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General Keyword: INVRT

KW: fiddler crabs, *Uca*, habitat, distribution, salt marshes

Document Location: LSM

**Teal, J. M. 1962.**


Energy flow in the salt marsh ecosystem of Georgia. Ecology 43(4):614-624.

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General Keyword: ESTE

KW: salt marshes, ecology, energy flow, fauna, flora

Document Location: LSM

 **Thane, E. 1972.**

The fighting Quaker: Nathanael Greene. Hawthorn Books, New York, NY.

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General Keyword: CUHI

KW: Greene, Nath'l, historical acct, Quakers, historic res, legends

Document Location: BIBL

 **Thayer, T. 1960.**

Nathanael Greene: Strategist of the American Revolution. Twayne Publishers, New  
York, NY.

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General Keyword: CUHI

KW: Green, Nath'l, Am Revolution, historical acct, historic res, legends

Document Location: BIBL

 **Thom, V. 1977.**

Cumberland Island, a place apart. U.S. Department of Interior, National Park  
Service, Division of Publications, Washington, DC. 48 pp.

-----

General Keyword: CUHI

KW: history, historical acct, natural history, historic res, cultural res

Document Location: UGAMN

**Thompson, D. E. 1972.**

Airborne remote sensing quantification: Georgia tidal marshes. MAPCOtec, Inc.,  
Daytona Beach, FL.

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General Keyword: VEGT

KW: salt marshes, mapping, distribution, remote sensing, aerial photog

Document Location: BIBL

- Thompson, D. E., Ragsdale, J. E., Reimold, R. J., and Gallagher, J. L. 1974.**  
Seasonal aspects of remote sensing coastal resources, pp. 1201-1249. in:  
Shahrokhi, R. (ed.), Remote Sensing of Earth Resources. Volume II. University  
of Tennessee Press, Chattanooga, TN.

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General Keyword: MANL

KW: coastal zone, natural res, remote sensing, mapping, seasonality

Document Location: BIBL

- Thomson, M. T., Herrick, S. M., and Brown, E. 1956.**  
The availability and use of water in Georgia. Mining-Geological Bulletin No.  
65, Georgia Department of Mines, Atlanta, GA. 329 pp.

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General Keyword: GEOS

KW: water supply, land-use, groundwater, water chemistry, water quality

Document Location: GADNR

- Tinkler, W. P. 1978.**  
Atlantic Intracoastal Waterway (AIWW) project in Georgia: A study of history,  
maintenance, and present use. Georgia Department of Natural Resources,  
Brunswick, GA.

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General Keyword: MANL

KW: Intracoast Wtwy, history, maintenance, dredging, environ impacts

Document Location: GADNR

- Tippens, H. H., and Beshear, R. J. 1969b.**  
Scale insects (Homoptera: Coccoidea) from grasses in Georgia. Journal of the  
Georgia Entomological Society 4:134-136.

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General Keyword: INVRT

KW: scale insects, distribution, environ impacts, vegetation, stabilization

Document Location: ENT

- Tippins, H. H. 1970.**  
The second instar males of three species of *Fiorina* (Homoptera: Diaspididae).  
Journal of the Georgia Entomological Society 5:94-99.

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General Keyword: INVRT

KW: scale insects, keys, life history, development, nymphs

Document Location: CUIS

- Tippins, H. H., and Beshear, R. J. 1972.**  
Additional scale insects from grasses. Journal of the Georgia Entomological  
Society 7(4):286-288.

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General Keyword: INVRT

KW: scale insects, grasses, distribution, habitat, ecology

Document Location: ENT

**Tippins, H. H., and Beshear, R. J. 1970b.**

The armored scale insects (Homoptera: Diaspididae) of Cumberland Island, Georgia. *Journal of the Georgia Entomological Society* 5:7-12.

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General Keyword: INVRT

KW: scale insects, distribution, species list, ecology, environ impacts

Document Location: ENT

**Tippins, H. H., and Beshear, R. J. 1971a.**

*Aspidionus* n. sp. (Homoptera: Diaspididae) from saw grass, *Mariscus jamaicensis*. *Journal of the Georgia Entomological Society* 6:85-86.

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General Keyword: INVRT

KW: scale insects, sawgrass, distribution, habitat, ecology

Document Location: CUIS

**Tippins, H. H., and Beshear, R. J. 1969a.**

New collection records for *Niveaspis ilicis* (Hoke), (Homoptera: Diaspididae). *Entomological News* 80(11):304.

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General Keyword: INVRT

KW: scale insects, holly, distribution, ecology, environ impacts

Document Location: CUIS

**Tippins, H. H., and Beshear, R. J. 1970a.**

A new species of *Quernaspis* (Homoptera: Diaspididae). *Annals of the Entomological Society of America* 63:808-809.

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General Keyword: INVRT

KW: scale insects, laurel oak, distribution, ecology, life history

Document Location: CUIS

**Tippins, H. H., and Beshear, R. J. 1971b.**

On the habitat of *Haliaspis spartinae* (Comstock) (Homoptera: Diaspididae). *Entomological News* 82:165.

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General Keyword: INVRT

KW: scale insects, distribution, habitat, *Spartina alter*, ecology

Document Location: CUIS

**Tippins, H. H., and Beshear, R. J. 1968a.**

Scale insects (Homoptera: Coccoidea) from the grasses of Georgia. *Journal of the Georgia Entomological Society* 3(3):134-136.

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General Keyword: INVRT

KW: scale insects, grasses, distribution, habitat, ecology

Document Location: ENT

**Tippins, H. H., and Beshear, R. J. 1978.**

Some new records of scale insects from grasses in Georgia. *Journal of the Georgia Entomological Society* 13(1):12-14.

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General Keyword: INVRT

KW: scale insects, grasses, distribution, habitat, ecology

Document Location: ENT

**Tippins, H. H., and Beshear, R. J. 1968b.**

Variations in the number and groupings of disc pores in *Comstockiella sabalis* (Comstock) (Homoptera: Diaspididae). *Journal of the Georgia Entomological Society* 3:67-69.

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General Keyword: INVRT

KW: scale insects, palmettos, distribution, ecology, life history

Document Location: CUIS

**Tomkins, I. R. 1956.**

The manatee along the Georgia coast. *Journal of Mammology* 37:288-289.

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General Keyword: MAMM

KW: manatees, distribution, ecology, sighting, migration

Document Location: LSM

**Tomkins, I. R. 1941.**


Notes on Macgillivray's Seaside Sparrow. *Auk* 58(1):38-51.

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General Keyword: BIRDS

KW: sparrows, distribution, habitat, nesting, species list

Document Location: LSM

 **Torres, L. 1977.**

Historic Resource Study: Historic Structure Report: Historical Data Section: Dungeness area. U.S. Department of Interior, National Park Service, Denver Service Center, Historic Preservation Division, Denver, CO. 349 pp.

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General Keyword: CUHI

KW: historic sites, Dungeness, architecture, cultural res, historic res

Document Location: CUIS

**Toulmin, L. D. Jr. 1955.**

Cenozoic geology of southeastern Alabama, Florida, and Georgia. *American Association of Petroleum Geologists Bulletin* 39:207-235.

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General Keyword: GEOS

KW: geology, Cenozoic, coastal plain, sediments, distribution

Document Location: BIBL

**Turner, M. G. 1985.**

Ecological effects of multiple perturbations on a Georgia salt marsh. Unpublished Ph.D. Dissertation, University of Georgia, Athens, GA.

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General Keyword: VEGT

KW: salt marshes, trampling, control burning, grazing, environ impacts

Document Location: UGASCI

**Turner, M. G. 1986.**

Effects of feral horse grazing, clipping, trampling and a late winter burn on a salt marsh, Cumberland Island National Seashore, Georgia. NPS-CPSU Technical Report No. 23, Institute of Ecology, University of Georgia, Athens, GA. 43 pp. The interaction between horses and the marsh forms the basis of a broader study on which the effects of grazing, clipping, trampling and a late winter burn were studied in a marsh. These disturbances were applied both singly and in combination in replicated experimental plots and studied from July 1983 to November 1984. A simulation model of carbon flow in the salt marsh was also developed to explore potential effects of increased grazing pressure.

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General Keyword: VEGT

KW: salt marshes, feral horses, grazing, trampling, fire

Document Location: CCES

**Turner, M. G. 1987.**

Effects of grazing by feral horses, clipping, trampling, and burning on a Georgia salt marsh. *Estuaries* 10(1):54-60.

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General Keyword: VEGT

KW: salt marshes, control burning, feral horses, grazing, trampling

Document Location: CCES

**Turner, M. G. 1988.**

Multiple disturbances in a *Spartina alterniflora* salt marsh: Are they additive? *Bulletin of the Torrey Botanical Club* 115(3):196-202.

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General Keyword: VEGT

KW: salt marshes, *Spartina alter*, disturbance, productivity, environ impacts

Document Location: LSM

**Turner, M. G., and Bratton, S. P. 1987.**

Fire, grazing, and the landscape heterogeneity of a Georgia barrier island, pp. 87-101. *in*: Turner, M.G. (ed.), *Landscape Heterogeneity and Disturbance*. Ecological Studies, Volume 64. Springer Verlag, New York, NY.

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General Keyword: MANL

KW: barrier islands, changes, natural res, wildfires, grazing

Document Location: UGACPS

**Turner, S. 1984.**

The fire history of Cumberland Island National Seashore, 1900-1983. NPS-CPSU Technical Report No. 7, Institute of Ecology, University of Georgia, Athens, GA. 113 pp.

Historic land use and consequent disturbances from the period of aboriginal occupation to the present and climatic factors were examined to determine factors influencing fire on Cumberland Island.

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General Keyword: MANL

KW: fire ecology, land-use, fire history, wildfires, management

Document Location: CCES



**Turner, Sally, and Bratton Susan P.** December 1987.

The Recent Fire History of Cumberland Island, Georgia, *Castanea* 52 (4): 300-303.

Investigation of archival materials, interviews, and field survey for charcoal and fire scars indicates pine and oak scrub communities and fresh water wetlands on Cumberland Island National seashore have burned multiple times since 1900. Fire rotations are 20 to 30 years and correlate to coastal drought cycles.

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General Keyword: MANL

Document Location: LSM

**U.S. Army Corps of Engineers.** 1971.

National shoreline study, regional inventory report, South Atlantic-Gulf Region, Puerto Rico, and the Virgin Islands. U.S. Army Corps of Engineers, South Atlantic Division, Atlanta, GA. 300 pp.

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General Keyword: CGEO

KW: shoreline, barrier islands, inventory, natural res, development

Document Location: CAHA

**U.S. Army Corps of Engineers, Environmental Resources Branch.** 1986.

Environmental assessment for relocating the Atlantic Intracoastal Waterway (AIWW) through Cumberland Sound, Georgia. U.S. Army Corps of Engineers, Environmental Resources Branch, Savannah, GA.

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General Keyword: MANL

KW: Cumberland Snd, Intracoast Wtwy, environ assess, dredging, environ impacts

Document Location: CAMCO

**U.S. Congress, House Committee on Interior and Insular Affairs, Subcommittee on Parks and Recreation.** 1972.

Proposed Cumberland Island National Seashore. Serial No. 92-45, U.S. Government Printing Office, Washington, DC. 132 pp.

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General Keyword: MANL

KW: legislation, conservation, development, recreation, park history

Document Location: BIBL

**U.S. Congress, Senate Committee on Interior and Insular Affairs, Subcommittee on Parks and Recreation.** 1972a.

Cumberland Island National Seashore. Hearing, 92nd Congress, 2nd Session, on S. 2411. U.S. Government Printing Office, Washington, DC. 141 pp.

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General Keyword: MANL

KW: legislation, conservation, recreation, development, park history

Document Location: BIBL

**U.S. Congress, Senate Committee on Energy and Natural Resources.** 1982.

Cumberland Island National Seashore, Georgia wilderness: Report together with additional views to accompany S. 2569. Report No. 97-531, U.S. Government Printing Office, Washington, DC. 8 pp.

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General Keyword: MANL

KW: legislation, conservation, natural res, development, recreation

Document Location: BIBL

- U.S. Congress, Senate Committee on Interior and Insular Affairs. 1972b.**  
Establishing the Cumberland Island National Seashore in the State of Georgia,  
and for other purposes; report to accompany S. 2411. Report No. 92-972, U.S.  
Government Printing Office, Washington, DC.

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General Keyword: MANL

KW: legislation, conservation, development, recreation, park history

Document Location: BIBL

- U.S. Department of Interior, Fish and Wildlife Service. 1979.**  
Proceedings of the 1979 U.S. Fish and Wildlife Service Pollution Response  
Workshop, 8-10 May 1979, St. Petersburg, Florida. U.S. Department of Interior,  
Fish and Wildlife Service, Environmental Contaminant Evaluation Program,  
Washington, DC. 211 pp.

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General Keyword: MANL

KW: pollution, oil spills, environ impacts, protection, planning

Document Location: CCES

- U.S. Department of Interior, Fish and Wildlife Service. 1980.**  
Selected vertebrate endangered species of the seacoast of the United States: The  
Red-cockaded Woodpecker. A cooperative effort by the U.S. Department of  
Interior, Fish and Wildlife Service, National Fish and Wildlife Laboratory, the  
Office of Endangered Species, and the National Coastal Ecosystems Team, Office  
of Biological Services, Washington, DC. 90 pp.

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General Keyword: BIRDS

KW: endangered sp, Rd-c Woodpecker, habitat, nesting, ecology

Document Location: CCES

- U.S. Department of Interior, National Park Service,  
Southeast Regional Office. 1982.**  
1982 science directory, Southeast Region. U.S. Department of Interior, National  
Park Service, Southeast Regional Office, Atlanta, GA. 4 pp.

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General Keyword: MANL

KW: directory, research, resources, management, inventory

Document Location: CUIS

- U.S. Department of Interior, National Park Service,  
Cumberland Island National Seashore. 1981a.**  
Activities of the Georgia Forestry Commission regarding the Cumberland Island  
fire. Unpublished, U.S. Department of Interior, National Park Service,  
Cumberland Island National Seashore, St. Marys, GA. 8 pp.

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General Keyword: MANL

KW: fire ecology, wildfires, planning, disturbance, environ impacts

Document Location: CUIS

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**U.S. Department of Interior, National Park Service,  
Denver Service Center. 1976a.**

Administrative Data Section, Historic Structure Report: Dungeness Historic District, Cumberland Island National Seashore. U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO.

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General Keyword: CUHI

KW: historic res, Dungeness, historic sites, architecture, archeology

Document Location: SERO

**U.S. Department of Interior, National Park Service,  
Southeast Regional Office. 1974.**

Archaeological reconnaissance. U.S. Department of Interior, National Park Service, Southeast Regional Office, Atlanta, GA.

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General Keyword: CUHI

KW: archeology, survey, historic sites, management, historic res

Document Location: NPSDSC

**U.S. Department of Interior, National Park Service,  
Cumberland Island National Seashore. 1981b.**

Chronology of South Cut fire. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 6 pp.

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General Keyword: MANL

KW: fire ecology, vegetation, wildfires, history, environ impacts

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Southeast Regional Office. N.A.**

Classified structure inventory, Cumberland Island National Seashore. U.S. Department of Interior, National Park Service, Southeast Regional Office, Atlanta, GA.

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General Keyword: CUHI

KW: structures, architecture, inventory, historic sites, historic res

Document Location: SERO

**U.S. Department of Interior, National Park Service. 1955.**

Cumberland Island area, Georgia. Seashore Recreation Area Survey, U.S. Department of Interior, National Park Service, Washington, DC.

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General Keyword: MANL

KW: land-use, recreation, visitor use, environ impacts, conservation

Document Location: SERO

**U.S. Department of Interior, National Park Service,  
Southeast Regional Office. 1966.**

Cumberland Island: A challenge in the Golden Isles. U.S. Department of Interior, National Park Service, Southeast Regional Office, Atlanta, GA. 44 pp.

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General Keyword: MANL

KW: land-use, park history, recreation, natural res, planning

Document Location: SERO

**U.S. Department of Interior, National Park Service,  
Denver Service Center. 1971.**

Cumberland Island National Seashore master plan. U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO. 44 pp.

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General Keyword: MANL

KW: management, planning, recreation, visitor use, conservation

Document Location: NPSDSC

**U.S. Department of Interior, National Park Service,  
Southeast Regional Office. 1971.**

Cumberland Island National Seashore master plan. U.S. Department of Interior, National Park Service, Southeast Regional Office, Park Historic Architecture Division, Atlanta, GA. 46 pp.

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General Keyword: MANL

KW: conservation, planning, visitor use, land-use, development

Document Location: BIBL

**U.S. Department of Interior, National Park Service,  
Southeast Archaeological Center. 1976.**

Cumberland Island National Seashore Cultural Sites Inventory Part II. Site Reports. Unpublished, U.S. Department of Interior, National Park Service, Southeast Archaeological Center, Tallahassee, FL. 65 pp.

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General Keyword: CUHI

KW: archaeology, cultural res, historic sites, historic res, inventory

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Cumberland Island National Seashore. 1981c.**

Cumberland Island National Seashore - South Cut fire review July 28, 1981. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 8 pp.

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General Keyword: MANL

KW: fire ecology, wildfires, planning, environ impacts, management

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Denver Service Center. 1977.**

Draft general management plan and wilderness study, Cumberland Island National Seashore, Georgia. U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO. 160 pp.

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General Keyword: MANL

KW: GMP, wilderness, natural res, visitor use, environ assess

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Denver Service Center. 1976b.**

Early archaeologic and historic research. U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO.

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General Keyword: CUHI

KW: archaeology, historic sites, cultural res, historic res, environ assess

Document Location: NPSDSC

**U.S. Department of Interior, National Park Service,  
Denver Service Center. 1976c.**

Environmental assessment for general management plan and wilderness study, Cumberland Island National Seashore. U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO. 404 pp.

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General Keyword: MANL

KW: environ assess, GMP, vegetation, wildlife, survey

Document Location: SERO

**U.S. Department of Interior, National Park Service,  
Denver Service Center. 1978.**

Final environmental statement, general management plan, wilderness recommendation, Cumberland Island National Seashore. U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO. 536 pp.

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General Keyword: MANL

KW: GMP, environ assess, wilderness, natural res, conservation

Document Location: CCES

**U.S. Department of Interior, National Park Service,  
Denver Service Center. 1980.**

Final environmental impact statement, Cumberland Island National Seashore, Georgia. U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO. 485 pp.

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General Keyword: MANL

KW: EIS, natural res, environ impacts, visitor use, recreation

Document Location: CCES

**U.S. Department of Interior, National Park Service,  
Cumberland Island National Seashore. N.A.a.**

Fire danger and fire weather records, Stafford Station. Unpublished, Report No. 099902, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA.

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General Keyword: MANL

KW: fire history, fire ecology, fuel load, weather, management

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Cumberland Island National Seashore. 1984.**

Fire history, Cumberland Island National Seashore. Unpublished file folders containing notes and data concerning natural fires and prescribed burns. Nancy's Fancy Fire 1982; Morris Fire 1982; Southcut Fire 1981; Powerline Fire 1980; Table Point Fire 1977; Table Point Prescribed Fire 1983; Stafford Field Prescribed Fire 1982; Stafford Field Prescribed Fire 1984. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA.

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General Keyword: MANL

KW: fire history, fire ecology, wildfires, prescribed burn, environ impacts

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Cumberland Island National Seashore. N.A.b.**

Fort William, Cumberland Island, Georgia. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 3 pp.

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General Keyword: CUHI

KW: historic sites, Fort William, historic res, history, cultural res

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Denver Service Center. 1976d.**

General Management Plan and Wilderness Study: Cumberland Island National Seashore. U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO.

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General Keyword: MANL

KW: conservation, planning, visitor use, land-use, development

Document Location: SERO

**U.S. Department of Interior, National Park Service,  
Denver Service Center. 1979.**

General management plan and wilderness recommendation, Cumberland Island National Seashore, Georgia. U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO. 259 pp.

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General Keyword: MANL

KW: GMP, wilderness, natural res, visitor use, environ assess

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Denver Service Center. 1982.**

General management plan, Cumberland Island National Seashore, Georgia. U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO. 129 pp.

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General Keyword: MANL

KW: GMP, conservation, natural res, visitor use, environ assess

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Southeast Regional Office. 1984.**

General management plan - January, 1984, Cumberland Island National Seashore, Georgia. U.S. Department of Interior, National Park Service, Southeast Regional Office, Atlanta, GA. 142 pp.

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General Keyword: MANL

KW: GMP, conservation, natural res, visitor use, environ assess

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Cumberland Island National Seashore. 1977.**

Narrative of Table Point fire. Fire Report CUIS-1-1977, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 5 pp.

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General Keyword: MANL

KW: wildfires, Table Point, fire ecology, disturbance, environ impacts

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Cumberland Island National Seashore. 1983.**

National Register of historic places inventory - nomination form. U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 5 pp.

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General Keyword: CUHI

KW: historic sites, inventory, historic res, cultural res, management

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Cumberland Island National Seashore. 1973.**

Planning and design process - Cumberland Island. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA.

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General Keyword: MANL

KW: land-use, planning, development, visitor use, environ impacts

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Cumberland Island National Seashore. 1980.**

Plant list compiled from historic reports. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 17 pp.

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General Keyword: VEGT

KW: species list, flora, checklist, history, distribution

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Denver Service Center. N.A.**

Preliminary archaeological survey. U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO.

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General Keyword: CUHI

KW: archaeology, historic res, historic sites, survey, cultural res

Document Location: NPSDSC

**U.S. Department of Interior, National Park Service,  
Southeast Regional Office. 1970.**

Proposed Cumberland Island National Seashore, Georgia. U.S. Department of Interior, National Park Service, Southeast Regional Office, Atlanta, GA. 8 pp.

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General Keyword: MANL

KW: park history, planning, land-use, recreation, development

Document Location: SERO

**U.S. Department of Interior, National Park Service,  
Denver Service Center. 1975.**

Register site eligibility - preliminary evaluation. U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO.

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General Keyword: CUHI

KW: historic sites, inventory, historic res, cultural res, management

Document Location: NPSDSC

**U.S. Department of Interior, National Park Service,  
Southeast Regional Office. 1978.**

Research activities of the Southeast Region - 1978. U.S. Department of Interior, National Park Service, Southeast Regional Office, Natural Science and Research Division, Atlanta, GA. 30 pp.

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General Keyword: MANL

KW: research, natural res, wildlife, vegetation, inventory

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Southeast Regional Office. 1983.**

Sea turtle monitoring handbook, Cape Lookout, Cumberland Island, and Cape Canaveral National Seashores. U.S. Department of Interior, National Park Service, Southeast Regional Office, Atlanta, GA.

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General Keyword: RPTAM

KW: sea turtles, endangered sp, conservation, nesting, monitoring

Document Location: CALO

**U.S. Department of Interior, National Park Service,  
Denver Service Center. 1981.**

Summary of revised general management plan. U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO.

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General Keyword: MANL

KW: GMP, natural res, visitor use, recreation, management

Document Location: NPSDSC



**U.S. Department of Interior, National Park Service,  
Denver Service Center. 1976e.**

Task directive, general management plan and wilderness study, Cumberland Island National Seashore. U.S. Department of Interior, National Park Service, Denver Service Center, Denver, CO. 8 pp.

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General Keyword: MANL

KW: GMP, wilderness, environ assess, natural res, visitor use

Document Location: CUIS

**U.S. Department of Interior, National Park Service,  
Cumberland Island National Seashore. 1979.**

Wilderness recommendation Cumberland Island. U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA.

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General Keyword: MANL

KW: wilderness, planning, development, recreation, conservation

Document Location: CUIS

**U.S. Department of Agriculture, Soil Conservation Service. 1975.**

General soils map and interpretation for Camden County, Georgia. U.S. Department of Agriculture, Soil Conservation Service, Athens, GA.

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General Keyword: GEOS

KW: soils, Camden Co., mapping, soil series, survey

Document Location: N.A.

**U.S. Geological Survey. 1972.**

Water resources for Georgia. U.S. Geological Survey, Washington, DC. Prepared in cooperation with the State of Georgia and other agencies.

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General Keyword: GEOS

KW: water supply, groundwater, hydrology, water quality, aquifers

Document Location: USGS

**Vanstory, B. 1956.**

Georgia's land of the Golden Isles. University of Georgia Press, Athens, GA. 225 pp.

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General Keyword: CUHI

KW: barrier islands, ecology, natural res, history, historical acct

Document Location: UGACPS

**Vemulakonda, S. R., and Scheffner, N. W. 1987.**

Application of CIP [Coastal and Inlet Processes] modeling system to St. Marys Inlet, Florida, pp. 616-631. in: Kraus, N.C. (ed.), Coastal Sediments '87, Volume I. American Society of Civil Engineers, New York, NY.

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General Keyword: CGEO

KW: St. Marys Inlet, sediment trans, modeling, processes, dredging

Document Location: CCES

**Volpi, A. J. 1978.**

Report on the result of Peregrine Falcon migration studies in Georgia.  
Unpublished, U.S. Department of Interior, National Park Service, Cumberland  
Island National Seashore, St. Marys, GA. 6 pp.

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General Keyword: BIRDS

KW: Peregrine Falc, migration, feeding, biolog magnif, endangered sp

Document Location: CUIS

**Walker, R., and Rawson, M. V. 1985.**

Subtidal hard clam, *Mercenaria mercenaria* (Linne), resources in coastal Georgia.  
Unpublished manuscript, Georgia Sea Grant College Program, Grant  
#04-7-158-44126, Technical Report Series No. 85-1, Georgia Marine Science  
Center, University System of Georgia, Skidaway Island, GA. 164 pp.

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General Keyword: INVRT

KW: *Mercenaria*, distribution, substrate, habitat, ecology

Document Location: UGASCI

**Walsh, W. F. 1986a.**

Archaeological evidence of estuarine geographic variability on Cumberland Sound,  
Georgia. Unpublished, available at U.S. Department of Interior, National Park  
Service, Cumberland Island National Seashore, St. Marys, GA. 14 pp.

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General Keyword: CUHI

KW: Cumberland Snd, estuaries, archaeology, shoreline, changes

Document Location: CUIS

 **Walsh, W. F. 1988.**

Dungeness: A historical mansion on Cumberland Island, Georgia, named for a  
coastal geographic feature. Georgia Journal of Science 46(1):Abst.

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General Keyword: CUHI

KW: Dungeness, historic res, history, architecture, geography

Document Location: UGASCI

**Walsh, W. F. 1985a.**

Estuarine shoreline variability on Cumberland Island National Seashore, Georgia.  
Estuaries 8(2B):114A (Abst. No. 297).

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General Keyword: ESTE

KW: Cumberland Snd, dredging, shoreline, salt marshes, erosion

Document Location: LSM

**Walsh, W. F. 1985b.**

Monitoring estuarine shoreline variability on Cumberland Island National  
Seashore, Georgia: A preliminary report. Unpublished, Department of Geography,  
University of Georgia, Athens, GA. 15 pp.

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General Keyword: ESTE

KW: shoreline, erosion, environ impacts, dredging, management

Document Location: UGACRU

**Walsh, W. F. 1985c.**

Monitoring the impact of the Kings Bay submarine base on estuarine systems of Cumberland Island National Seashore, Georgia. (Abst.) Georgia Journal of Science 43(1 & 2).

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General Keyword: ESTE

KW: Kings Bay, naval base, dredging, environ impacts, monitoring

Document Location: LSM

**Walsh, W. F. 1986b.**

Monitoring estuarine shoreline variability on Cumberland Island National Seashore, Georgia: An Interim Report. Unpublished, Department of Geography, University of Georgia, Athens, GA, 26 pp.

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General Keyword: ESTE

KW: shoreline, erosion, environ impacts, dredging, management

Document Location: UGACRU

**Walsh, W. F. 1986c.**

Monitoring estuarine shoreline variability on Cumberland Island National Seashore, Georgia. Unpublished, Department of Geography, University of Georgia, Athens, GA. 30 pp.

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General Keyword: ESTE

KW: shoreline, erosion, environ impacts, dredging, management

Document Location: CCES

**Walsh, W. F. 1986d.**

Paleogeography of the lower coastal plain of southeast Georgia. (Abst.) Georgia Journal of Science 44(1 & 2).

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General Keyword: GEOS

KW: coastal plain, paleogeography, estuaries, shoreline, changes

Document Location: LSM

**Walsh, W. F. 1987.**

Salt marsh drowning on Tiger Island as evidence of disturbance on Cumberland Sound, Georgia and Florida. (Abst.) Georgia Journal of Science 45(1 and 2).

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General Keyword: VEGT

KW: salt marshes, disturbance, estuaries, shoreline, changes

Document Location: LSM

**Walsh, W. F. 1984.**

Vegetation on Raccoon Keys as evidence of submergence: Cumberland Island, Georgia. Unpublished, Department of Geography, University of Georgia, Athens, GA. 24 pp.

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General Keyword: VEGT

KW: Raccoon Keys, subsidence, sea level rise, environ impacts, communities

Document Location: UGACRU

**Warner, L. 1976.**

The status of the barrier islands of the southeastern coast: A summary of the barrier island inventory. Unpublished, The Open Space Institute, New York, NY. 43 pp.

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General Keyword: MANL

KW: barrier islands, inventory, development, processes, geomorphology

Document Location: CAHA

**Warner, L., and Strouss D. 1976.**

Inventory of the barrier islands of the southeastern coast. Open Space Institute, and Natural Resources Defense Council, New York, NY. 300 pp.

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General Keyword: MANL

KW: barrier islands, development, land-use, inventory, environ assess

Document Location: CAHA

**Warren, M. A. 1944.**

Artesian water in southeastern Georgia with special reference to the coastal area. Mining-Geological Bulletin 49, Georgia Department of Mines, Atlanta, GA. 140 pp.

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General Keyword: GEOS

KW: water supply, groundwater, aquifers, water quality, distribution

Document Location: GAGS

**Warren, Robert J., Conroy, Michael J., James, William E.,  
Bader, Leslie A., and Diefenbach, Duane R.**

Reintroduction of Bobcats on Cumberland Island, Georgia: A Biopolitical Lesson. 55th North American Wildlife and Natural Resource Conference, 1990

This paper describes Federal environmental assessments conducted, public perceptions and concerns expressed, prerelease evaluations performed and preliminary results of the reintroduction of bobcats effort.

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**Watt, D. A. 1905.**

Notes on the improvement of river and harbor outlets in the United States. Transactions of the American Society of Civil Engineers 55:288-321.

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General Keyword: MANL

KW: channels, tidal inlets, harbors, migration, management

Document Location: BIBL

**Weems, S. P. 1971.**

Cumberland Island as a National Seashore. Unpublished paper presented at the Georgia Conservancy Program - Fourth Annual Conference, Calloway Gardens, Pine Mountain, Georgia.

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General Keyword: MANL

KW: history, legislation, management, land-use, conservation

Document Location: CUIS

**Weems, S. P. 1970.**

The great challenge - Cumberland Island National Seashore. Unpublished, U.S. Department of Interior, National Park Service, Cumberland Island National Seashore, St. Marys, GA. 10 pp.

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General Keyword: MANL

KW: history, management, land-use, recreation, visitor use

Document Location: CUIS

**Wigginton, B. E. 1963.**

Trees and shrubs for the southeast. University of Georgia Press, Athens, GA. 277 pp.

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General Keyword: VEGT

KW: field guide, trees, shrubs, distribution, ecology

Document Location: CUIS

**Wilson, N., and Baker, W. W. 1975.**

Ticks of Georgia (Acarina: Metastigmata). Bulletin of the Tall Timbers Research Station, Tallahassee, FL.

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General Keyword: INVRT

KW: ticks, Acarina, distribution, habitat, ecology

Document Location: BIBL

**Wilson, Stephen Keith**

The Hydrogeochemistry of Southern Cumberland Island, Georgia. A Thesis Presented in Partial Fulfillment of Requirements for the Degree of Master of Science. Georgia State University, Atlanta, Ga. 1990.

The aqueous geochemistry of three aquifers on the southern end of Cumberland Island, Georgia was investigated.

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**Wilson, Stephen K., Rose, Seth, and Cofer-Shabica, Stephen V.**

Hydrogeochemistry of Southern Cumberland Island, Ga. Biological and Physical Aspects of Dredging Kings Bay, Georgia/Coastal Zone '91 Conference-ASCE Long Beach, CA/July 1991.

The Aqueous geochemistry of three aquifers at a 9 square mile study site on the southern end of Cumberland Island, Georgia was investigated. 10 wells were installed in three clusters on the southern end of the island. The wells were sampled in December, 1989 for major constituents.

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**Wilson, Stephen K., Rose, Seth, Arora, Ram, Herndon, Jennifer, and Cofer-Shabica, Stephen**

Mixing Zone Hydrochemistry Within a Confined Aquifer System: Cumberland Island, Georgia. An article submitted to Southeastern Geology February, 1991.

The water chemistry of a multiple-aquifer system underlying Cumberland Island, Georgia was investigated in order to identify possible saltwater intrusion and to better understand the geochemical dynamics of freshwater/seawater mixing within this setting.

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**Windom, H. L. 1973.**

Mercury distribution in estuarine-nearshore environment. *Journal of the Waterways, Harbors, and Coastal Engineering Division, American Society of Civil Engineers* 99(2):257-264.

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General Keyword: MANL

KW: mercury, estuaries, nearshore zone, vegetation, transportation

Document Location: LSM

**Winkler, C. D., Jaffe, L. C., and Howard, J. D. 1985.**

Georgia estuarine data, 1961-1977. 2 Volumes. Unpublished manuscript, Technical Report Series No. 85-7, Georgia Marine Science Center, University System of Georgia, Skidaway Island, GA. Volume 1, 420 pp. Volume 2, 875 pp.

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General Keyword: ESTE

KW: phys parameters, data base, tides, water chemistry, sediments

Document Location: UGASCI

**Winn, W. W. 1972.**

Private fastness: Tales of wild Cumberland Island and how modern times at last have reached it. *American Heritage* 23(3):27-32.

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General Keyword: CUHI

KW: settlements, land-use, history, Dungeness, cultural res

Document Location: ALEX

**Wood, J. 1981.**

Third Annual Southeast Region Prospectus - Fiscal Year 1981. U.S. Department of Interior, National Park Service, Southeast Regional Office, Natural Science and Research Division, Atlanta, GA. 30 pp.

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General Keyword: MANL

KW: research, survey, geomorphology, vegetation, wildlife

Document Location: CUIS

**Wood, J., and et al. [sic] 1980.**

Southeast Region research prospectus, Fiscal Year 1980. U.S. Department of Interior, National Park Service, Southeast Regional Office, National Science and Research Division, Atlanta, GA. 30 pp.

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General Keyword: MANL

KW: research, survey, inventory, management, barrier islands

Document Location: CUIS

**Woollard, G. P., Bonini, W. E., and Meyer, R. P. 1957.**

A seismic refraction study of the subsurface geology of the Atlantic coastal plain and continental shelf between Virginia and Florida. Technical Report Contract No. N7onr-28512, University of Wisconsin, Madison, WI. 128 pp.

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General Keyword: GEOS

KW: stratigraphy, seismicity, refraction, coastal plain, continent shelf

Document Location: BIBL

**Worthington, J. S. 1972.**

An evaluation of environmental impact, Little Cumberland Island, Georgia.  
Unpublished, M.S. Thesis, University of Massachusetts, Amherst, MA. 161 pp.

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General Keyword: MANL

KW: environ impacts, recreation, land-use, natural res, visitor use

Document Location: UMA

**Writers Program, Georgia Works Progress Administration. 1940.**

Drums and shadows, survival studies among the Georgia coastal Negroes.  
University of Georgia Press, Athens, GA.

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General Keyword: CUHI

KW: Blacks, slavery, settlements, historical acct, demography

Document Location: BIBL

**Yntema, C. L., and Mrosovsky, N. 1980.**

Sexual differentiation in hatching loggerheads (*Caretta caretta*) incubated at different controlled temperatures. *Herpetologica* 36(1):33-36.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, reproduction, temperature, biology

Document Location: LSM

**Zack, R. S. 1980.**

New records of Georgia shore flies (Diptera: Ephyoridae). *Journal of the Georgia Entomological Society* 15:232-233.

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General Keyword: INVRT

KW: shoreflies, dipterans, distribution, ecology, habitat

Document Location: ENT

**Zeichner, L. L. 1987.**

The historic landscape of Dungeness, Cumberland Island National Seashore, Georgia: Maps and historic documentation. NPS-CPSU Technical Report No. 35, Institute of Ecology, University of Georgia, Athens, GA. 126 pp.

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General Keyword: CUHI

KW: Dungeness, historic sites, mapping, vegetation, communities

Document Location: CCES

**Zeichner, L. L. 1988.**

Landscape management plan for Dungeness, Cumberland Island National Seashore, Georgia. NPS-CPSU Technical Report No. 44, Institute of Ecology, University of Georgia, Athens, GA. 87 pp.

The purpose of this theses is to develop a landscape management plan for the Dungeness Historic district.

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General Keyword: CUHI

KW: Dungeness, planning, archaeology, land-use, environ assess

Document Location: CCES

**Zeichner, Lauren Lubin March 1987.**

The Historic Landscape of Dungeness, Cumberland Island National Seashore, Georgia, Maps and Historic Documentation, CPSU Report No. 35 Institute of Ecology, University of Georgia, Athens, GA.

Dungeness is a designated historic district located within Cumberland Island National Seashore. The purpose of this project was to map contemporary vegetational patterns of the site, and to document and map, from available data, the historic landscape according to time period.

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**Zeigler, J. M. 1959a.**

Comments on the geologic history of the Sea Islands of the southeastern United States, pp. 45-46. *in*: Ragotzkie, R.A. (chairman), Proceedings of the Salt Marsh Conference. University of Georgia, Sapelo Island Marine Institute, Sapelo Island, GA.

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General Keyword: GEOS

KW: Sea Islands, geology, geol history, evolution, barrier islands

Document Location: BIBL

**Zeigler, J. M. 1959b.**

Origin of the Sea Islands of the southeastern United States. Geographical Review 49(2):222-237.

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General Keyword: CGEO

KW: Sea Islands, evolution, geomorphology, processes, beach dynamics

Document Location: LSM

**Zeigler, J. M., and Patton, M. A. 1974.**

A socio-economic environmental baseline summary for the South Atlantic region between Cape Hatteras, North Carolina and Cape Canaveral, Florida. Volume IV: Geological Oceanography. U.S. Department of Interior, Bureau of Land Management, Washington, DC. 200 pp.

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General Keyword: GEOS

KW: geology, oceanography, marine environ, mapping, oil drilling

Document Location: CCES

**Zoodsma, Barb, and Bratton, Susan P. March 1987.**

Cumberland Island Manatee Watch, NPS-CPSU Technical Report No. 37, Institute of Ecology, University of Georgia, Athens, Ga. 13 pp.

In June 1986, the University of Georgia Cooperative Studies Unit began a "manatee watch" to learn more about the number of manatees visiting CUIS, and to identify their preferred habitats. Data collected during the summer of 1986 indicate manatee utilization of waters in and surrounding Cumberland Island National Seashore is more extensive than previously believed. The number of manatees and different types of behavior including feeding were recorded.

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General Keyword: MAMM

KW: manatee, habitat, behavior

Document Location: CCES



**Zoodsma, Barbara J., Lefebvre, Lynn W., and Cofer-Shabica, Stephen**  
Manatee Ecology and Conservation in Coastal Georgia. Biological and Physical  
Aspects of Dredging Kings Bay, Georgia/Coastal Zone '91 Conference-ASCE Long  
Beach, CA/July 1991.

The endangered West Indian manatee (*Trichechus manatus*) is a tropical to  
subtropical, completely herbivorous marine mammal. A 3-year radio-tracking  
study was initiated in the spring of 1987 to investigate the distribution and  
ecology of manatees along the Georgia coast.

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**Zug, G. R., and Wynn, A. 1983.**

Age estimates of Cumberland Island loggerhead sea turtles. Marine Turtle  
Newsletter 25:9-11.

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General Keyword: RPTAM

KW: sea turtles, *Caretta caretta*, distribution, loggerheads, popul dynamics

Document Location: BIBL